

# Investor Manual

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### **1** Executive Summary

#### 1.1 About Bossard

The Bossard Group is a leading global provider of product solutions and services in industrial fastening and assembly technology. The Group acts as a strategic partner for its Original Equipment Manufacturer (OEM) customers worldwide with its three offerings of Product Solutions, Assembly Technology Expert (ATE), and Smart Factory, which includes Smart Factory Logistics (SFL) and Smart Factory Assembly (SFA). Bossard is well-positioned to grow profitably and generate attractive returns as one of the leading Groups in a still very fragmented market.

The Group was founded 1831 in Zug, Switzerland, and is molded by members of the founding family, now represented by the seventh generation.

The holding company, Bossard Holding AG, has its headquarters in Zug, Switzerland, and is quoted on the SIX Swiss Exchange in Zurich (BOSN, Swiss security number 23862714, ISIN CH0238627142). Bossard's more than 2,700 employees are present at 84 locations in 32 countries worldwide.

As a value-driven Group, Bossard believes in sustainable growth and fosters a culture of ethical conduct and responsibility among all employees. In dealing with their business partners, customers and stakeholders, Bossard is committed to providing optimal services and solutions. Bossard is well aware that success is achieved in a social and natural environment and views it as its essential responsibility to act sustainably.



**Our business units** 84 locations in 32 countries worldwide

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## **1.2 Strong market demand for increased productivity**

Finally, although the basic technologies and production processes applied are well established and well understood, innovations in fastening design and performance continue to be made. As a result, the demand for better planning, layout and development phases is rising to reduce the production and assembly time and the use of materials on the one hand and to enhance the output quality on the other hand to strengthen our customers competitiveness.

The pressure on capital costs forces optimized inventory management solutions. In addition, the reduction of throughput times and the need for production improvement also requires innovative and networked logistics solutions. The traceability of production steps, high labor costs and a low tolerance for errors in the production process leads to a constant demand for reliable production processes and corresponding control solutions. From the customer's perspective, the interplay of Product Solutions, Assembly Technology Expert and Smart Factory has six core benefits:

- Time to market this means that customers' products are brought to market faster – a crucial competitive advantage in a global environment where speed counts
- Lean process this means saving time, money and resources, being able to calculate total costs better – and above all, achieving higher margins
- Better throughput this is one of the central cost aspects for customers when it comes to boosting effectiveness, especially improving efficiency
- High quality this means absolute reliability in terms of product, process and production safety – and hence, less waste and fewer complaints
- Innovative technology only companies open to new developments are ready to successfully forge new paths and go where no other competitor has gone before
- Maximum reliability this means knowing that they can rely on Bossard and its long-time employees with the utmost confidence – not just now, but decades down the line

"On average, 50 percent of all single parts are fastener-related – this is complexity and cost!"



**Challenge with fasteners and C-parts** Complexity generates costs

#### 1.3 Business model

Bossard's fastening technology full-service package applies along the entire value chain. Bossard optimizes the clients' processes through its core competencies – Product Solutions, Assembly Technology Expert and Smart Factory solutions.

High-quality fasteners ensure that products last longer. The solution-oriented Assembly Technology Expert means that customers can already count on cost savings during a product's planning, design and development phase and reduce their production time. Bossard helps them be more competitive by slashing their time to market and educating them to become experts themselves. Smart Factory Logistics is an end-to-end service for managing B- and C-parts. It is a time tested and proven methodology that helps to uncover hidden potential for productivity improvement. Smart Factory Assembly provides optimal process control, control of tools, the traceability of production steps and leads to an assembly which networked into a harmonized process.

Bossards holistic view – Proven Productivity – enables its customers to apply solutions that are better, faster, more efficient, more cost-effective, more innovative, more reliable and hence to help to outperform their competitors.

See more about Proven Productivity on <u>Bossard's</u> website.



The strategy is designed to allow Bossard to offer local and multinational industrial customers comprehensive on-site services and innovative solutions for their fastening needs. Bossard's strong market position is built on its global presence, innovative solutions and wide range of products. This position is underlined by its solid reputation in the industry and longstanding relationships with its supplier and customer base driving for quality products, engineering and product solutions and extensive value-added logistic systems. The goal based on these factors is to ensure the company's long-term competitive edge.

Bossard has defined five strategic targets to exploit further growth and profit opportunities:

- Innovative Service & Solutions (Assembly Technology Expert, Smart Factory Logistics and Smart Factory Assembly)
- Gaining a relevant market share in the focus markets North America and Asia
- Targeting growth markets such as robotics, electromobility, railway, and healthcare technology
- Increasing sales to existing customers
- M&A strategy focus on integration potential, scale or innovative products and brands

#### **1.5 Differentiating factors**

#### 1.5.1 Total cost of ownership approach

Bossard supports uncovering the potential along the entire value chain of industrial engineering and addressing the TCO in fastening. Assembly Technology Expert and Smart Factory solutions are service and solutiondriven approaches and essential building blocks.

#### 1.5.2 Engineering capabilities

Bossard has extensive engineering know-how that provides value-added services for customer fastenerrelated requirements. With six modules, the engineering specialists plumb the potential in product design, on the production line, in C-parts supply, assortment configuration, and basic and advanced training. In addition, Bossard maintains a worldwide accredited laboratory for product engineering and testing as well as provides extensive on-site service for function and reliability problem solving.

#### 1.5.3 Strong global market position

Bossard is among the market leaders in the sector of fasteners in each of the three global economic regions (Europe, America and Asia). In those markets where Bossard is not present through its own companies, it works through alliance partners. The range of services provides the perfect complement to the partners' competence. This means that Bossard can provide for multinationally active industrial customers wherever they have a presence.

#### 1.5.4 Supplier/delivery reliability

For years, the Group has practiced a purchasing strategy based on several procurement sources and generous stock-keeping, which is of central importance to ensure the best possible delivery capability to customers. In addition, the high level of flexibility, commitment and experience of the employees are a further essential building block.

#### 1.5.5 Reliable fasteners

The Group has well-established quality assurance functions that control incoming materials' quality and perform numerous validation processes to both customer and Bossard specifications. The five different quality levels of Bossard synchronize the quality requirements/ risk assessments of its customers with their quality.

#### 1.5.6 Entrepreneurial thinking and behaviour

The family has managed Bossard for 191 years in an entrepreneurial, responsible and sustainable way. The result is a corporate culture that unites the values of trust, leadership, social responsibility, entrepreneurship, and credibility.

#### 1.5.7 Diversified and sustainable customer base

The broad industrial diversification with more than 30,000 customers from a wide range of industries balanced customer growth significantly reduces dependence on individual industry segments. More than 90 percent of large and medium-sized customers have been working with Bossard for more than ten years, and this sustainable customer base is the most important foundation for long-term sales and profit development.

#### 1.5.8 Leader in digitalization

More than 20 years ago, Bossard invented the first fully digitalized and automated C-parts management system, based on IoT technology, that today is being used every day by over 1,000 customers globally with an installed base of more than 406,000 Smart Devices. The proven solutions, used by customers to maintain a seamless supply of C-parts for production without manual interaction. With the digital platforms developed over the last years, Bossard was able to switch its wide range of services to the virtual space – instantly and across the globe.

#### 1.6 Seven reasons to invest in Bossard

- Strong need for Proven Productivity gains and sustainability in assembly operations
- Company shaped and managed by an entrepreneurial spirit
- Scalable business model
- Strong market position and broad diversification by end markets/segments
- Focus on future industries such as automation, electromobility, medical technology and railway
- High level of recurring revenue due to strong partnerships with customers
- Additional growth potential through M&A in non-consolidated markets



# **2 Key Financials**

In CHF 1,000	2021	2020	2019	2018	2017
Net sales	995,148	812,792	876,224	871,070	786,175
Change to prior year in %	22.4	-7.2	0.6	10.8	13.1
Gross profit	317,120	248,730	273,253	275,768	253,151
in % of net sales	31.9	30.6	31.2	31.7	32.2
Personnel expenses	199,732	165,728	180,920	176,483	164,102
in % of net sales	20.1	20.4	20.6	20.3	20.9
EBITDA	145,904	105,863	113,612	124,940	112,030
in % of net sales	14.7	13.0	13.0	14.3	14.3
EBIT	123,326	86,386	95,705	108,821	97,048
in % of net sales	12.4	10.6	10.9	12.5	12.3
Net income	98,017	67,751	75,959	85,410	80,193
in % of net sales	9.8	8.3	8.7	9.8	10.2
Cash flow <sup>1)</sup>	120,595	87,228	93,866	101,529	95,175
in % of net sales	12.1	10.7	10.7	11.7	12.1
Capital expenditures	35,289	23,927	34,649	27,791	22,695
Operating net working capital <sup>2)</sup>	435,620	346,982	359,745	333,010	294,010
in % of net sales	43.8	42.7	41.1	38.2	37.4
Net debt	217,222	155,655	187,716	130,162	124,023
Shareholders' equity	349,548	322,340	304,524	309,650	263,962
in % of total assets	45.2	50.3	46.7	51.3	48.9
Total assets	772,776	641,308	652,729	604,094	539,758
Return on equity	29.2	21.6	24.7	29.8	34.0
Return on average capital employed (ROCE)	19.1	14.7	16.8	21.5	20.8
Dividend yield in % (Basis: share price at Dec. 31)	1.6	2.5	1.1	3.2	1.8
Earnings per share <sup>3] 4]</sup>					
Registered A share in CHF	12.53	8.73	9.73	10.95	10.33
Registered B share in CHF	2.51	1.75	1.95	2.19	2.07
Price/earnings ratio (Basis: share price at Dec. 31)	26.2	20.4	18.0	12.8	22.3
Price/book value per share	7.2	4.3	4.4	3.4	6.6
Annual weighted average number of employees <sup>5)</sup>	2,516	2,410	2,447	2,307	2,162
Net sales per employee 6)	395.5	337.3	358.1	377.6	363.6

1) Net income + depreciation and amortization

6) Basis: Annual weighted average number of employees

<sup>2)</sup> Accounts receivable, inventories, less accounts payable

Basis: Average capital entitled to dividend

<sup>4)</sup> Basis: Share attributable to shareholders of Bossard Holding AG

<sup>5)</sup> Average full time equivalent

# **3 Business Overview**

#### 3.1 Smart Factory Logistics

In the world of Industry 4.0, Smart Factory Logistics is a core element for profitable growth. The more precise and smarter factory logistics is, the better companies fare against their competitors. While its customers fully focus on their core competences, Bossard takes care of automating their B- and C-parts management processes, thus ensuring a lean assortment and a smooth supply flow. Inventory is controlled in real-time, and material is delivered directly to the assembly stations thanks to smart order management. All at the right time and in the right place. Lower material handling costs and smaller inventories enable the customers to boost productivity in their production significantly.

Explore more: www.bossard.com/global-en/smart-factory-logistics/



**Simple and lean process** Bossard Smart Factory Logistics offers solutions that are precisely tailored to customer needs.

	Solution	Description
Ŷ	Demand management	Bossard Smart Factory Logistics systems are ready for use and ensure article availability.
Contraction of the second seco	On-time delivery	Select delivery method from accepting supply at the receiving area up to work cell replenishment.
6	Expert support	Our experts are available to design, maintain and optimize your system and offer additional advisory services.
	ARIMS	Stay in control by receiving personalized and real time data. Optimize your supply chain trough interactive program management and mobile app.
æ	Costumizable options	Customize your solutions package with further solutions such as: – Supplier Base Consolidation – ERP Integration – Last Mile Management

- Etc.

#### 3.2 Smart Factory Assembly

Smart Factory Assembly provides optimal control of process, tools as well as the traceability of production steps. In addition, assembly is networked into a harmonized process.

#### Digital assembly workplace

Assembly operators are guided through each work step with interactive visuals. This shortens the onboarding time and ensures consistent quality. In addition, the production quality is ensured and traceable. Using Smart Factory Assembly, you can easily handle large numbers of product variants and produce them reliably in one-piece flow in paperless production.

#### Connected smart tools and devices

The aim is to connect the assembly environment, which is parameterized and/or measured specifically for the respective assembly step. The more assembly tools and testing equipment are connected with the system, the more one can leverage the following advantages:

- Faster setup of the work stations for a new order/product
- Correct parameterization of the tools based on the order
- Documentation of all relevant assembly and testing processes based on a product

Various tools and devices can be incorporated.

#### Explore more: www.bossard.com/global-en/smart-factory-assembly/





Connection smart tools and devices

A selection of possible tools  $% \label{eq:constraint} \label{eq:constraint}$ 

#### Enterprise Smart Assembly

All members (technical writer, industrial/quality engineer, production employees/manager and operation excellence) of the production facility are connected and networked in the production process.



Smart Factory Assembly Blueprint 3.3 The combination of Smart Factory Assembly and Smart Factory Logistics from Bossard exploits the potential across the entire value chain.



#### Smart Factory Logistics Blueprint

#### 3.4 Assembly Technology Expert service

## 3.4.1 A three-stage methodology from concept to production

Using a three-stage methodology, Assembly Technology Expert helps customers to reduce their production time and significantly cut their costs. Bossard helps them be more competitive by slashing their time to market.

Design – Focusing on fastening joints, Bossard assists its customers in designing perfect products to avoid costs. In cutting-edge fastening design centers, Bossard's highly trained engineers oversee their customers' fastening design procedures. They also keep close track of total product lifecycle costs.

Optimize – Bossard hones its customers' fastening processes to perfection. In this step, Assembly Technology Expert uses proven methodologies, smart sensors and industrial analytics and enables its customers to streamline every inch of their assembly process. This leads to Proven Productivity.

Educate – Bossard believes that its customers themselves can become experts. Therefore, it educates them on the science of fastening. Tailor-made training sessions on engineering principles, applications, and technology create synergies in customers' minds.

#### 3.4.2 Six expert services

Assembly Technology Expert works with six differentiated services. Each part contributes to improving the productivity step by step.

Expert Walk – Bossard takes an in-depth look at the production facility and examines all workstations and assembly lines. The engineering experts study fasteners and tools the customer is using and determine how to proceed leaner and smarter.

Expert Teardown – Bossard disassembles the product and examines every inch of it. Focusing on the fasteners, their design, their functionality and their assembly procedure, the engineers identify the best fastening solution and the cost-saving potential for the customers.

Expert Design – Having the right fastener at the right time at the right place is crucial for success. Bossard provides the technical solutions and access to big data to find the most practical part.

Expert Assortment Analysis – To reduce total cost of ownership, Bossard streamlines the bill of materials by identifying opportunities for fastener rationalization. The engineers work with proven analytical processes, application audits and state-of-the-art methodologies and techniques.



the cost-saving |

Assembly Technology Expert Where in your production can our service be used?

Expert Test Services – Bossard's test laboratories in Europe, America and Asia have cutting-edge measuring and testing equipment at their disposal. They guarantee that the manufacturing reliably meets quality requirements and that production procedures of its customers are flawless. Expert Education – Bossard empowers its customers to become an expert in the full range of assembly technologies. In the seminars and e-learning, customers learn about the essentials and secrets of fastening, from novice level to mastery.

#### Explore more:

www.bossard.com/global-en/assembly-technology-expert/

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#### 3.5 Products

It is the small parts that make a product a unit. Bossard offers a selection of more than 200,000 different standard and branded articles directly from stock – available online. This range is supplemented with special articles tailored to your application to over one million fastening solutions, electric assembly accessories and control elements.

Discover our products: www.bossard.com/eshop/global



- Standard fasteners (metal, plastic)
- Riveting, clinching solutions
- Welding & adhesive solutions
- Cable & wire management
- Access hardware
- Coating, sealing



- Engineered components
- Turned parts
- Pressed parts, cold formed parts
- Extruded parts
- 3D-printed parts
- Kit sets, sub-assemblies

**Product Solutions for industrial applications** We cover all needs for our customers.

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# 4 Path to be a Strategic Service & Solution Partner and Equity Story

## 4.1 Global partner in logistics, assembly, engineering and product solutions

Bossard's fastening technology full-service package applies along the entire value chain and optimizes the clients' processes. On this path, Bossard wants to scale its success engine (Product Solutions, Smart Factory Logistics/Assembly, Assembly Technology Expert) to every relevant customer and every relevant market in the world. The basis of Bossard's business and the volumes achieved are the quality and the high delivery capability. The value of the collaboration with the customers or the Proven Productivity grows with the delivery of the services. Smart Factory solutions help logistics and production managers to optimize supply and production processes. Through Assembly Technology Expert services, the right fastening solutions are identified, tested and implemented according to the requirements. This increases the customer's safety and avoids costs.

The sum of all services establishes Bossard at the customer's C-level as a strategic industrial partner that helps companies to increase their competitiveness. This creates customer loyalty that could never be achieved by trading products alone.



#### Proven Productivity – The holistic view

The demand of our clients for full services is steadily growing.

#### 4.2 Key trends: reduce complexity and cost of OEMs

Bossard is the expert to uncover the potential along the entire value chain of industrial engineering and to address the total cost of ownership (TCO) in fastening.

On average, the fastener itself makes up to only around 15 percent of the total costs. The remaining 85 percent of the costs come from development, procurement, testing, inventories, assembly and logistics. This chain of events is adding costs to the entire fastening ecosystem.

Experience in the industry has shown that cost savings of 50 percent and more can be achieved in logistics and engineering. This has a lasting effect on the total costs of the end product. Bossard recognizes the facts and understands its customers challenges. Therefore, every solution created, is designed to reduce costs, according to the TCO concept in fastening.

This is what Bossard calls "The Rule of 15-85." The following are the most important levers for addressing total cost accounting:

#### 4.2.1 Select and design

Bossard offers over one million fastening solutions, electric assembly accessories and control elements from inventory. Customized solutions can be used to improve fasteners in prototypes, new or existing products and current assembly processes. Bossard's Expert Design method can also be used during the design phase.

## 4.2.2 Flexible, real-time and individual small scale and prototype production

Many companies are looking for flexible sourcing solutions due to uncertainties in supply chains, demand for just-in-time procurement, and inventory reduction. Bossard's Real Time Manufacturing offers CNC milled or turned prototype of a product, or a first small series quickly produced at a reasonable price and reliable in terms of time.

# "Bossard designs cost out."



#### percent

of the product costs are defined at the design stage

#### **Bossard Design Engeneering Support**

Involement with customers's R&D departements to make the right fastener and assembly decisions, before production begins and non-value added cost are incurred.

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#### 4.2.3 Sourcing

Global sourcing needs to meet the highest quality, availability, and safety standards. Bossard has a very stringent supplier selection process. Every supplier is audited according to the relevant ISO standards regularly. The worldwide supplier network guarantees speedy order fulfilment and supply chain flexibility, which means better planning, significant cost savings and higher productivity.

#### 4.2.4 Logistics and handling

Optimizing production and manufacturing is a key growth driver in today's fast-paced world. The leaner and smarter the factory, the stronger its lasting positioning in the market will be. Bossard Smart Factory Logistics optimizes supply chain performance with innovative systems and customized solutions. This brings the factory up to date with the Internet of Things, enables machine-to-machine communication and makes B- and C-parts management leaner and more transparent.

#### 4.2.5 Quality inspection

The fulfilment of any quality standard starts with selecting the suitable raw material, respectively, with the right material composition, the complementary treatment to ensure the optimal mechanical properties. Bossard meets this challenge with 14 state of the art accredited testing laboratories worldwide.

#### 4.2.6 Stocking

Stocking products from franchised lines at multiple locations ensures product availability when and where the customer needs it without affecting production. Stock at Bossard's multiple distribution centers is managed by a state of the art Enterprise Resource Planning (ERP) distribution system that provides complete traceability of all products in stock or shipped to customers. Stock availability, pricing, and order and delivery status are provided in real-time for all distribution centers. Most orders are filled from stock and shipped the same day. Similar inventory is stocked at all distribution centers to ensure business continuity.

Bossard Assortment Analysis helps customers to streamline their fastener assortment and add clear rules for preferred types of fasteners, materials, recess types, etc.

#### 4.2.7 Pre-assembly and assembly

The right fastening solution for manufacturing helps to make companies more competitive by slashing time to market. Bossard Assembly Technology Expert service helps to find the right solutions. Production engineers and product designers offers Expert Walks/Teardowns and are full of continuous innovation, process optimization and efficiency – factors that are key to gaining a competitive edge in the manufacturing business.

#### 4.2.8 Ordering

The availability of a broad technical capability to capture orders, ranging from a small SME to a global company, is a key factor in a company's success. Bossard offers a large selection of various standard, special and branded articles directly from stock – orderable via the online store, the telephone, the catalogue, by e-mail, with the smartphone via the APP Bossard SCAN or the SMART BIN solutions.

#### 4.3 Attractive market fundamentals

The Bossard Group operates in a growing industry though the markets within the industry differ from region to region in terms of their demand and maturity. According to Freedonia, the global demand for industrial fasteners is estimated to rise 3.6 percent per year for the next five years. From a regional perspective, Asia is the largest and in absolute terms fastest growing market, whereas growth industries such as robotics, electromobility, railway and healthcare technology present the most exciting end markets.

The market for industrial fastening technology is highly fragmented and characterized by many small, often family-run companies with a lack of scalability due to the limited product range or a limited regional footprint. In recent years, the shortage of capacity and expertise has led to consolidation by a few large and multinational players.

The market for C-parts management is particularly attractive, since it deals with lots of complexity in small parts, which are usually not within customers' core competency, but can cause complete production line-downs, if a part is missing. In addition, local and multilocal industrial customers are increasingly asking for comprehensive on-site services and innovative solutions for their fastening needs like engineering services and extensive value-added logistic systems, always to ensure their long-term competitive edge.

## 4.4 One-Stop-Shop strategy strengthens customer stickiness

Bossard fastening elements are successfully used in many different industries. Among them are electric vehicles, electrical engineering and the railway industry.

# **1. Supply Units in Rail Vehicles**

#### 5. Energy Supply of Railcar Vehicles



#### 4. Interior of Railcar Vehicles



2. Railcar Body

#### 1. Supply Units in Rail Vehicles

- Cable glands
- Compression latches
- Hose clamps
- High strength threaded inserts

#### 2. Railcar Body

- Slotted self locking nuts
- Lock bolts
- Grounding studs
- Tensioner nuts

#### 3. Bogie in Rail Vehicles

- Lock washers
- Wedge locking washers
- Hex head locking screws
- Tension control bolts

#### 4. Interior of Railcar Vehicles

- Hinges
- Fasteners for composite materials
- Threaded inserts
- Fasteners for C-rails
- High strengths blind rivets
- Cable tie plates
- Pan head screws with flange
- Notched screws

#### 5. Energy Supply of Railcar Vehicles

- Barb cable ties
- Wrap sleevings
- Resilient conical washers
- Coatings

#### **One-Stop-Shop strategy**

The example of the railway industry shows how Bossard delivers applications from A-Z as an expert One-Stop-Shop.

# **4.5 Customer base diversified by industry and region**

Bossard has a broad industrial diversification with more than 30,000 customers from a wide variety of industries, enabling the Group to balance customer growth and make it much less dependent on single industrial segments. In addition, the global footprint, with more than 80 operations in Europe, America and Asia, allows for global distribution of income.









Electronics





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> **The sectors we serve** Focus on industrial OEMs

#### 4.6 Strategy 200 to accelerate profitable growth

With Bossard's Strategy 200– Bossard turns 200 years old in 2031 – the Group will focus on its business model and high-quality growth in all key markets, focusing on its key strengths. With its long-time philosophy of Proven Productivity, Bossard focuses on substantially reducing the management and assembly costs of C-parts of its customers, thereby boosting their competitiveness sustainably and measurably. Bossard wants to increase its sales substantially to expand the market position organically and through acquisitions with profitability expected to improve at a faster rate than revenue. In addition, the invested capital must yield a reasonable return for its investors.

The seven strategic initiatives/elements of the strategy are composed of One Bossard, Together we Create, Sales Engine, Customer Centric, Operations Engine, Innovation and Sustainability/ESG.



#### Stages in a company's development

#### 4.7 Four key elements of the Strategy 200

#### 4.7.1 Proven Sustainability

- Empowered people who can develop/show their full potential
- Environment that enables people to thrive and share knowledge within the Group
- Increase cultural, gender, age, race, etc diversity throughout all hierarchy levels
- Reduce footprint by working towards less waste and a CO<sub>2</sub> neutral Bossard
- Create an ecosystem to provide future-proven solutions while minimizing the impact on the environment
- Contributing to a better world for the next generation

#### 4.7.2 Cultural Transformation

- Creating an empowered, self-organized, bottom-up organization
- One external brand to increase the recognition value of the company and to promote employee identification
- One global company that acts, feels and behaves in the same way
- M&A strategy focuses on integration potential, scale, stickiness and the creation of superior growth, profitability and investor value
- The Bossard leadership purpose is to create an environment, in which the people and the organization reach their full potential, thereby strengthening the foundation of success for the next generation

- Resilient and agile company that is capable of change to adapt to current and future market requirements
- Living by our five guiding principles (We Experiment, We Empower, We Collaborate, We Talk Real, and We Deliver Value) to make our organization fit for the next generation
- The "collaborative" part plays a key role to reach the strategic ambition – not re-inventing wheels and sharing knowledge across regions, functions and hierarchies

#### 4.7.3 Sales Transformation

- Move to a pull model driven by digital marketing for better push
- Achieve increased organic growth with more efficient use of Sales and Marketing
- Re-structure local sales organizations for stronger new sales and existing sales growth
- Strengthen global technology stack and digital marketing support to empower local Sales and Marketing teams
- Systematic digital inbound marketing approach to establish Bossard as key partner in TCO Assembly Technology
- Global vertical focus and key future industries like EV, Rail, Robotics/Automation, Medial Healthcare and Energy
- Focus on global accounts and attractive industries transportation, robotics/automation, medical healthcare and energy

- Global sales/marketing based on Group's best practice
- Bossard Academy offers tailor-made training sessions about engineering principles, innovations, fasteners and assembly technology

#### 4.7.4 Business Agility

- Digitalization of Business Processes, Communication and Collaboration tools, Customer interaction and integration of all Business Units into one common system landscape
- Al and Machine Learning to improve customer value
- Innovation driven approach to early detect new ideas by innovation teams with space to experiment and its scaling up in the global marketplace
- Monitoring of marketplace for innovations, global interaction with universities and tech institutes
- Reduction of Bureaucracy and monitoring of progress through the Bossard Bureaucracy Index (BBI)
- Strengthening supply chain resilience, adaptability and assure efficient, effective supply



#### 4.8 Strategic or inorganic growth/M&A

Bossard has defined five strategic drivers to exploit further growth and profit opportunities. It will expand innovative service/solutions like Assembly Technology Expert, Smart Factory Logistics and Smart Factory Assembly, which deepen the relationship to its customer, creates stickiness and enhances the margin profile. On the market side, the Group aims to grow to a relevant market share in focus markets. The main geographic growth will be based on increased market penetration in regions such as North America and Asia. The same applies to the ambitions in the growth industries such as robotics, electromobility, railway, and healthcare technology. In addition, Bossard will leverage its strong position and generate additional sales with existing customers through a comprehensive solution and service offering in the areas of Assembly Technology Expert, Smart Factory Logistics and Smart Factory Assembly. The M&A strategy focuses on integration potential, scale and innovative products and brands to drive over proportionally growth, profitability and investor value.



After a phase of investments the Bossard Group is midterm persuing the following financial targets.

– Sales:

Organic sales growth target of > 5 %

- Operating profit margin (EBIT): Target range of 12% - 15%
- Balance sheet:
  Equity ratio > 40 %
- Dividend payout ratio:
  40% of net income



**Bossard is leading in selective markets** Significant potential for profitable growth (in percent)

#### Bossard acquistitions since 2012

#### 2012

KVT Fastening AG, Switzerland KVT Fastening GmbH, Germany KVT Fastening GmbH, Austria Branded product solutions

#### 2014

Intrado AG, Switzerland Electronic fastenings

BigHead Fasteners Ltd., England (Part 1, 19 percent) Manufacturing

#### 2015

SertiTec SAS, France Aero-Space Southwest, Inc., USA Torp Tekniske AS, Norway (Part 1, 60 percent) Forind Fasteners S.r.L., Italy Branded product solutions

**2016** Interfast (CH), Switzerland Aerospace

LWA Verbindungstechnik AG, Switzerland Welding

Arnold Industries, LLC, USA Arnold Industries Cork DAC, Ireland Fasteners, kitting

**2017** Mario Marchi Eredi S.p.A., Italy Classic/specials

**2018** SLD, France C-parts management

3D Prototyp GmbH, Switzerland 3D manufacturing – plastic

**2019** BigHead Fasteners Ltd., England (Part 2, increase to 41.9 percent) Manufacturing

Bruma Schraub- und Drehtechnik GmbH, Germany Classic/specials

Linquan Precision Machinery Co. LTD, China Branded product solutions

Ecoparts AG, Switzerland (30 percent) 3D manufacturing – metal Boysen GmbH & Co. KG, Germany SACS Boysen Aerospace U.S., Inc., USA Aerospace

#### 2020

Torp Tekniske AS, Norway (Part 2, increase to 100 percent) Branded product solutions

MultiMaterial-Welding AG, Switzerland (41 percent) Ultrasonic welding

**2021** Jeveka B.V., Netherlands Classic/specials/branded product solutions

# **5 ESG/Sustainability**

#### Strong roots for the future

Bossard finds itself in a cultural transformation process. In the last two years, the Group has taken a thorough look at its own basic values and refined its business strategy. Based on our traditional values of trust, leadership, social responsibility, entrepreneurship, and credibility, we identified five additional operating principles that should quide us in all our business activities. These are our guiding principles. We want to be innovative and try unconventional approaches, tackle problems and mistakes openly and constructively, and cultivate mutual trust. Led by the "One Bossard" principle, we will work together even more closely around the world and learn from one another. The values and operating principles will help us to grow further and successfully steer our Group into the future. In so doing, we realize that our efforts will bear fruit only if we work closely with our customers and suppliers - and above all with our employees. They are the standard-bearers of Bossard's corporate culture at all our locations and live it in their daily work.

#### Together we are strong - and innovative

Appropriately, our motto is "Together We Create." We want to include our employees to an even greater degree in the development of our business and recognize and take up their ideas and concerns within the framework of various initiatives, because we are convinced of the added value of collective intelligence. Bossard employees actively participated in developing the new strategy concept in "hack teams." Symbolic for the Bossard tree, whose healthy and sustainable growth is our joint responsibility, our employees at the various locations all over the world planted and drew trees. These trees serve as a constant reminder of the values and operating principles of the Bossard Group as well as a call to action for each and every employee to contribute to the company's success.

## Our business model: Proven Productivity and Sustainability

Innovative, efficient, and holistic solutions – that is Bossard's approach. Our products and services simplify and optimize processes across all fastening solutions. Sustainability is an integral ambition of our business model.



We help our customers not only to avoid hidden costs in development, design, procurement, ordering, logistics, storage, assembly, and quality assurance. Our solutions also mitigate the impact on the environment. Streamlining processes and optimizing individual products allow for more careful and targeted use of materials, energy, and production capacities.

Mindful handling of resources begins right in the product design phase and extends through supply chain structuring to the manufacturing processes, thus reducing operating waste and emissions. In addition, our customers' employees save time; consolidated and more efficient workflows make their work easier, resulting in a better work climate overall. With our support, our customers demonstrably boost their productivity. Our support allows our customers to verifiably improve their productivity. True to our Proven Productivity principle, we create added economic, ecological, and social value.

The products and services of Bossard are already part of Industry 4.0 and contribute to groundbreaking innovations. Moreover, we are working with customers in emerging sectors such as electromobility and medical technology, which contribute to sustainable development. In order to understand our customers' processes even better and make them more efficient, we promote internal innovation, such as analytical methods using big data. Over 2,700 employees at 84 locations in 32 countries help us to bring Proven Productivity and Sustainability into assembly operations around the world by making more efficient fastening solutions possible. Driven by this value proposition and guided by its proven corporate values, Bossard intends to expand even further and strengthen its global supplier network for product solutions.

#### With a fresh look at the ecosystem

Sustainable ways of working require from companies to consistently question and improve themselves. One of our core competencies is to enable new ways of looking at existing structures. Our analyses therefore offer a fresh look at how our customers production and manufacturing looks like. We want to understand in detail how C-parts are processed and handled. This puts the focus on elements whose potentials are often underestimated: Potential for speeding up workflows, for reducing errors, but also for reducing the materials used or for lowering energy consumption and logistical effort.

In addition to Proven Productivity, which verifiably leads to the best possible efficiency and cost reductions, our services and product solutions also have the following positive impact in terms of sustainability for our customers: (see next page)



#### Supplier control

- Verification of compliance with social and ecological requirements
- Eco-friendly and optimized production

#### **Optimized purchasing and transport**

- Reduced and eco-friendly transportation
- Use of full transport capacity
- Consolidation of multiple orders

#### Packaging

- Optimized packaging sizes
- Reduction of packaging material (larger quantities)
- Recyclable and renewable as far as possible

#### **Product quality**

- Less raw materials, less scrap (waste, rejected goods)
- Audited test laboratories and certifications
- Monitoring regarding REACH and RoHS



#### **Reduced transportation**

- Reduced fuel consumption
- Lower CO<sub>2</sub> emissions

#### **Optimal supply**

- Fewer suppliers
- Reduced transportation
- Less scrap (waste, less raw materials and emissions)

#### **Order/reliability**

- Less inventory/storage area
- Less loss

#### **Digital flow of information**

- Paperless
- No loss of information
- Speed



#### Training

- Employee empowerment
- Development

#### **Fewer parts**

- Lower resource consumption (raw materials, production emissions etc.)
- Lighter products (less emissions during use)
- Less inventory/storage area

#### Assembly and process reliability

- Less scrap (waste)
- More efficiency

#### Quality

- Less scrap (waste, rejected goods)
- Less failures
- More security (end-consumer)

#### 5.1 Integration of sustainability: focus on four topics

In the Blue Garage, a Bossard Group creative workshop, a working group devoted themselves in 2020 to the topic of sustainability at Bossard. Four focus topics emerged from their efforts: Future Proven Solutions. Reduced Footprint, Empowered People, and Fair Partnership. These four focus topics cover the environmental, social, and economic dimension of our responsible corporate leadership. They serve as a framework for orienting our current and future sustainability efforts.

#### **Future Proven Solutions**

We see Future Proven Solutions as our value proposition for Bossard's products and services. We show our customers where and how they can reach sustained added value thanks to our solutions. At the same time, we are working on making our solutions even more sustainable. In that effort, we are aligning ourselves with our quality and efficiency claim, increasingly integrating the approaches of a closed-loop economy.

#### **Reduced Footprint**

In the Reduced Footprint focus area, we consolidate all of Bossard's efforts aimed at reducing the environmental impact of our business operations. We follow a holistic management approach that takes into account not only the impact of our core business but also the up- and downstream processes in the value creation chain.



- Employee Development
  - Modern Work
- Diversity

- Waste Management

- Energy and Emission

- Packaging

- Digitalization

Management

- Wellbeing & Safety



#### **Fair Partnership**

- Integrity
- Community Engagement

#### **Future Proven Solution**

Our long-term vision is clear: a climate-neutral Bossard Group. With its Reduced Footprint focus area, Bossard endeavors to use resources and energy as efficiently and sparingly as possible and to reduce its overall environmental impact.

#### **Empowered People**

Our employees are the driving force behind Bossard's success. For this reason, their physical and mental well-being at the workplace is one of our highest priorities. All employees should be equally valued in their variety and diversity, feel supported, and be able to develop their potential in our company without discrimination of any kind. Bossard invests in its workforce and aims to bring the best talent on board. To that end, Bossard offers exciting education and training opportunities as well as attractive benefits and bonuses. Last but not least, our experience during the Covid-19 pandemic enabled us to create even more flexible work models. Regardless of the current situation, the goal is to advance these efforts to give our employees a mobile and agile way of working.

#### **Fair Partnership**

The Fair Partnership focus area revolves around Bossard's integrity and reputation. First, we foster and protect them at the Group level in accordance with the principles of our new <u>Code of Conduct</u>. Second, integrity must be ensured with respect to our supplier network. And last but not least, our social engagement at the different locations contributes to our standing as a fair and reliable partner. That is how, for decades, we have won the trust of our customers, employees, and other stakeholders.

#### Our contribution to sustainable development

Bossard aligns its sustainability efforts with internationally recognized goals and standards.

Agenda 2030 and the United Nations' 17 sustainable development goals (SDGs) are essential for sustainable development. The SDGs are closely linked to one another through their interdependencies. We see our greatest potential for impact in our core business and hence in relation to SDG 9. Our solutions make a significant contribution to the modernization of industry and promote resource-saving production processes. Furthermore, the efficient and resource-conscious use of all our product solutions is in line with SDG 12. The different measures within the Reduced Footprint focus area and the environmental requirements set forth in our Supplier Code of Conduct also address the issues in SDG 7 and 13. As an international business with local employees, we create secure jobs for men and women equally, with humane and non-discriminatory conditions as outlined in SDG 8, including equal pay for equal work. Finally, our Code of Conduct forbids all forms of corruption and bribery in accordance with SDG 16.



#### SGD

Bossard focuses on these six sustainability goals. Source: www.globalgoals.org

#### Recognized principles of business responsibility

To further emphasize our commitment to maintaining environmentally, socially, and economically responsible business practices, our CEO signed the United Nations Global Compact (UNGC) in March of 2021. Bossard thus joined a global community of nearly 15,000 companies of all sizes that have committed themselves to the ten global principles of responsible corporate leadership. As a signatory of the compact, we pledge to implement the principles in the areas of human rights, work standards, environmental protection, and the fight against corruption as well as submit a yearly report on our progress. In return, membership in the UNGC allows us to benefit from the organization's expertise and its extensive network.

#### Transparency as the basis

At Bossard, we aim to implement reduction and improvement measures in the area of sustainability efficiently and based on data. Before we set measurable sustainability goals, we want to validate our data basis. To this end, we developed a separate portal during the reporting year in order to collect and manage sustainability data. This data can then be analyzed, visualized, and made available to all our locations for further sustainability measures.

#### 5.2 Corporate Governance

The Bossard Group's organizational structure derives from international standards for corporate management. The Group's corporate bodies and management follow the Directive on Information relating to Corporate Governance of SIX Swiss Exchange as well as the "Swiss Code of Best Practice for Corporate Governance" of economiesuisse.

The organizational structure of the Bossard Group is based on clear delimitation of tasks, competencies and responsibilities between the board of directors and the executive committee. The functions of the chairman of the board of directors and of the chief executive officer (CEO) are held by two different persons, so that the separation of powers is guaranteed. The Corporate Governance report is prepared according to the Directive on Information relating to Corporate Governance (DCG) of SIX Swiss Exchange. Unless otherwise indicated, all information applies as at December 31, 2021. The principles and rules on corporate governance are set out in the rules and regulations of Bossard Holding AG, i.e. in the articles of association of Bossard Holding AG (articles of association), in the organizational and business regulations of Bossard Holding AG (OBR), in the regulations of the board's committees, in the code of conduct and in the resolutions of the board of directors. The rules are regularly reviewed by the board of directors and adapted to current requirements (articles of association most recently in 2020, OBR most recently in 2021 and regulations of the board's committees most recently in 2015).

Read about Corporate Governance in the <u>online Annual</u> Report.

# 6 Industry and End-Markets

#### 6.1 In General

World demand for industrial and mechanical fasteners is influenced by a number of factors. Fasteners are used extensively as original equipment components in manufactured products like motor vehicles, electrical and electronic equipment, industrial machinery and fabricated metal products. Fasteners are also utilized in both building and non-building constructions, as well as in maintenance and repair operations (MRO) in all economic sectors. Because potential applications for fasteners are so broad and diverse, product demand is significantly influenced by overall economic conditions and trends in gross fixed investment. In addition, business conditions in industries that are the most intensive users of fasteners are also important determinants of product demand. As a result, such variables as manufacturers' shipments (both in the aggregate and on an industry-by-industry basis), motor vehicle supply and demand, aerospace industry trends and construction spending are closely monitored by fastener manufacturers. Furthermore, product design trends within major fastener-using manufacturing industries can significantly impact demand for these products.

All of the above factors differ on a country-by-country, region-by-region basis, and such variations take on added importance when analyzing global industrial fastener supply and demand. For example, nations tend to exhibit significant variation along parameters like level and types of manufacturing and construction activity, legal and regulatory considerations, and any number of other determinants of demand. Particularly important are the distinctions between industrialized countries, which for the most part represent mature, highly cyclical markets for fasteners, and developing nations, whose fastener market are less developed but offer greater growth potential. Finally, although the basic technologies and production processes utilized are well established and well understood, innovations in fastener design and performance continue to be made, as do developments in other joining technologies that provide functional competition for fastener suppliers. All of these factors, when considered together, comprise the market environment for industrial fasteners.

#### 6.2 Fastener industry fundamentals and demand

#### Production by region

Global production of industrial fasteners is projected to increase 3.7 percent per year to USD 91.3 billion in 2023. The Asia/Pacific region will account for 66 percent of global production growth, with China alone accounting for more than half of regional gains. Asia/Pacific fastener manufacturing will be supported by low production costs, which represent a major advantage given the market's low margins and high degree of commoditization. In addition, many industrializing Asia/Pacific nations are expected to achieve strong demand gains, encouraging high levels of investment in regional production.

Fastener industries in North America and Western Europe are expected to grow at slower rates through 2023, restrained by local market maturity and intense competition in international markets. However, these regions will continue to comprise a large share of global output, particularly for aerospace-grade and other higher-end products. Industrial fastener production in Eastern Europe, the Africa/Mideast region, and Central and South America will remain limited. While output growth in each of these regions is expected, they will collectively account for only 6 percent of global production in 2023. Indigenous fastener industries in these areas are underdeveloped, and global multinational firms tend to have limited direct manufacturing presence, instead serving markets through distribution operations.

#### Demand by region

Based on the latest Freedonia study 2020 the global demand for industrial fasteners is forecast to rise 3.7 percent per year to 91.3 billion in 2023, driven mainly by rising manufacture of durable goods such as motor vehicles, machinery and fabricated metal products.

The Asia/Pacific region is projected to account for 54 percent of global demand gains, reflecting strong growth in the massive Chinese market. In addition, durable goods manufacturing industries are rapidly expanding in India and a number of Southeast Asian nations, including Indonesia, the Philippines, and Vietnam.

North America and Western Europe will continue to account for large shares of the global industrial fastener market, although the maturity of manufacturing industries in both regions will constrain demand gains. Manufacturers of commodity-type durable goods in these regions will face a particularly difficult environment as global trade competition intensifies, with a somewhat better outlook for technologically intensive markets like aerospace equipment.

The industrial fastener market in Eastern Europe is expected to post healthy growth through 2023, as countries like the Czech Republic, Hungary, and Poland are seeing high levels of investment in manufacturing for export to Western Europe.

#### **Demand by market**

Fastener demand can be divided into three major markets: OEM, maintenance and repair operations (MRO), and construction. OEM applications are the dominant industrial fastener market, accounting for 81 percent of demand in 2018. Motor vehicles will remain the largest OEM outlet for industrial fasteners, followed by machinery. The MRO market is projected to account for 11 percent of global growth in fastener sales between 2018 and 2023, driven by the expanding stock of fastener-using equipment worldwide, which will require continued maintenance expenditures to operate.



OEM (81%)
 MRO (13%)
 Construction (6%)

Source Freedonia Report 2020



Motor Vehicles (34%)

- Machinery (25%)
- Fabricated Metal Products (11%)
- Electronic (10%)
- Electrical (8%)
- Areospace (8%)
- Other OEM (5%)

While the construction market will remain a small share of global fastener sales, it is expected to achieve above average gains through 2023. To a large extent, this is because construction fastener markets are less concentrated in mature high-income nations than OEM markets. Many fast-growing developing nations that lack significant durable goods manufacturing still make intensive use of fasteners in construction applications.

#### **Distribution channels**

Distribution channels utilized by industrial fastener manufacturers differ somewhat based on the size of the firm:

- Large and mid-sized companies tend to utilize both their own sales forces and independent distributors
- Smaller producers rely more heavily on independent distributors

In fact, the scale and scope of the fastener distribution industry rivals that of fastener manufacture, with thousands of supply firms involved. These range from extremely small establishments handling a few accounts and serving a limited geographic area to large enterprises offering a broad array of products to a diverse customer base. Some of these distribution firms are independent, while others are subsidiaries or divisions of fastener manufacturers. The size of the fastener distribution industry is supported by the high level of standardization and commoditization in these products. As a result, developing relationships with distributors is a key step for fastener manufacturers looking to expand into new geographic markets.

Leading aerospace, motor vehicle, and machinery suppliers often purchase their fasteners directly from the manufacturer, as their bulk order enables to them to better compete on price. Aftermarket demand is more commonly served via distributors, reflecting the numerous end users in each aftermarket. Most medium and smaller fastener users source their fasteners from distributors.

#### 6.2.1 Bossard's estimated addressable market



#### Americas (26%)

- 2020: 8 Bn.
- 2025: 9 Bn.
- CAGR: 3%
- Market share: 3%

#### EMEA (24%)

- 2020: 7 Bn.
- 2025: 8 Bn.
- CAGR: 3%
- Market share: 6 %

#### Asia-Pacific (50%)

- 2020: 14 Bn.
- 2025: 18 Bn.
- CAGR: 5%
- Market share 1%

**Demand for industrial fasteners 2025** Addressable market potential USD 35 Bn.
## 6.2.2 Cyclicality of the fastener industry

Bossard's operational exposure to the economic cycle (PMI) has been successfully reduced in recent years. This has been clearly demonstrated in the resilience of the business model in the COVID-19 pandemic in 2020. The Group was able to show significant double-digit growth rates and high operating leverage in the following five quarters.

The high resilience and flexibility of the business model are based on the following points:

Digitalization – 25 years ago, Bossard introduced the first fully digitized and automated C-parts management system, based on IoT technology and today used daily by over 1,000 customers worldwide. Thanks to digital platforms developed in recent years Bossard has been able to move its wide range of services into the virtual space – immediately and worldwide.

Industrial diversification – Bossard has a broad industrial diversification with around 30,000 customers from a wide range of industries (2021: 25 percent electronics, 24 percent machinery, 26 percent transportation, 11 percent metal, 5 percent healthcare/medical and 9 percent others) enables the Group to achieve balanced customer growth and makes it significantly less dependent on individual industry segments.

Geographical diversification – This customer base is also well diversified geographically, with Europe accounting for 58 percent of sales, the Americas 23 percent and Asia 19 percent (2021).

Long-term and loyal customer relationships – Bossard has had a successful business relationship with over 95 percent of its customers for more than 10 years.

Innovation – driven approach to the early detection of new ideas proved to be very successful, as the examples of Smart Factory Assembly, Real Time Manufacturing services and Industry 4.0 concepts in C-parts have shown. Innovation teams, the "Blue Garage approach" for any ideas coming from within and the continuously monitoring of marketplaces for innovations will continue to support the Group to expand its leading market position.

Sunrise industries – By focusing on the growth industries of robotics, electromobility, rail vehicle construction and medical technology, high growth rates are achieved that are independent of economic cycles.

## INVESTOR MANUAL

## 7 Company History, Structure, Management and Shareholders

## 7.1 Company history

#### **Constant development**

From a local hardware store in Zug to a Swiss industrial business and today a global leader in fastening technology.

#### 1831–1951

Local, regional specialist business

**1951–1961** Transition from regional to national specialist business

**1961–1971** Major growth in business volume

**1971–1981** Internationalization, new services in technical wholesailing and engineering

**1981–1991** Qualitative growth, new technologies

#### 1987

Quotation of Bossard Holding AG on the Swiss Stock Exchange

#### Since 1999

An internationally active group of companies with its headquarter in Zug, Switzerland. Specialized in industrial assembly technology

Find out more about Bossard's history here.

#### 7.2 Legal Structure

Bossard Holding AG, the parent company of the Bossard Group, is a joint-stock company under Swiss law with its registered office in Zug. Bossard Holding AG is the only listed company belonging to the Group. It has a direct or indirect interest in the companies listed in note 29 of the financial report. Bossard Holding AG (Swiss securities no. 23862714, ISIN CH0238627142/BOSN) is listed on the SIX Swiss Exchange. Its stock market capitalization as at December 31, 2021 was CHF 2,529.2 million (2020: CHF 1,372.1 million). The Group's structure aims to provide optimum support for its business activities within an efficient legal, financial and strategic framework. This means that the structure should be as simple as possible and also transparent to anyone outside the Group. Bossard operates in industrial fastenings technology and generates its entire revenue in this market segment. Further information regarding the Group structure are set out in the notes to the financial report, namely in the notes' preamble, notes 12, and 13.

#### 7.3 Board of directors



## **Board of directors**

The board of directors' educational backgrounds and other vested interests are described below in brief form only. For the detailed form, see <u>here</u>.



**Dr. Thomas Schmuckli-Grob** (1963) Swiss citizen

Degree in law (LLB and LLD), University of Fribourg, Fribourg, Switzerland Accredited lawyer and notary, Zug, Switzerland

- Since 2007 Chair of Bossard
- 2007–2013 Legal and Compliance Asset Management at Credit Suisse
- 2005–2007 Head legal department of Corporate & Institutional Clients at Credit Suisse
- 2000–2005 Head of process and product management at Zuger Kantonalbank.
- 1993–2000 various management positions in the General Counsel division of Credit Suisse Group



Patricia Heidtman (1973) Dual Swiss-US citizen

Master of Science, ETH Zurich, Zurich, Switzerland

- Since 2021 Vice Chair, Member of the compensation committee since 2019, Member of the nomination committee since 2019, Member of the board of directors since 2019)
- Since 2017 Member of the SIKA management team, currently head research & development for thermoplastic systems in Sarnen, Switzerland
- Prior 14 years in the USA, most recently head of innovation management for products, processes and developments for automotive industry



**Dr. René Cotting** (1970) Swiss citizen

Degree in economics, social sciences and doctorate, University of Fribourg, Fribourg, Switzerland

- Since 2015 Chair of the ARCC, since 2015 member of the board of directors
- Since 2021 Group CFO of Smartenergy Invest AG, Wollerau.
- 2017–2020 Head of Operation, Innovation and R&D, ABB Group, Chair ABB Technology Ventures
- 2013–2017 CFO, ABB Switzerland
- 1995-2013 Various functions, ABB Group



**David Dean** (1959) Swiss citizen

Swiss certified management accountant/ controller, AKAD Business, Zurich, Switzerland, Swiss certified public accountant, Expertsuisse, Zurich, Switzerland

- Since 2020 Representative for holders of registered A shares
- Since 2019 Chair of the compensation committee
- Since 2019 Member of the board of directors
- 2005-2019 CEO Bossard Group
- 1998-2004 CFO Bossard Group
- 1992–1998 Various positions, Bossard Group
- 1990–1992 Corporate controller and member of the executive committee of an international logistics group
- 1980-1990 Various management functions, PricewaterhouseCoopers

Petra Maria Ehmann (1985) German citizen

Bachelor of Science in mechanical engineering, ETH Zurich, Zurich, Switzerland Master of Science in management science and engineering, Standford University, Palo Alto, USA

- Since 2021 Member of the nomination committee, Member of the audit, risk & compliance committe, Member of the board of directors
- Since 2018 Global lead product partnerships Augmented Reality, Google
- 2016–2018 New Business development EMEA, Google Advertising & Commerce
- 2012–2016 Head of Business Intelligence, Kekanto
- Prior Senior Business Analyst A.T. Kearney



Marcel Keller (1968) Swiss citizen

Business degree, KV Business School Zurich, Zurich, Switzerland

- Since 2021 Member of the compensation committee, Member of the board of directors
- Since 2018 Member of the executive board of Vorwerk International, responsible for digital transformation, Group IT, North America and Asia
- 2001–2018 Various management positions, Hewlett Packard, most recently as COO and VP strategy, Planning and Operations at Hewlett Packard Enterprise Technology Services



**Martin Kühn** (1976) Swiss citizen

Business economist FH, University St. Gallen, St. Gallen, Switzerland Swiss certified public accountant, Academy of Public Accountants, Zurich, Switzerland

- Since 2018 Member of the audit, risk & compliance committee Member of the board of directors
- Since 2014 CFO, member of the executive committee, KIBAG Group
- Since 2010 Various positions, KIBAG Group in Zurich
- 2002–2010 Auditor and M&A consultant



**Prof. Dr. Stefan Michel** (1967) Swiss citizen

Degree in economics and doctorate in marketing, University of Zurich, Zurich, Switzerland

- Since 2015 Member of the nomination committee
- Since 2011 Member of the board of directors
- Since 2008 Professor for marketing and service management and director of the executive MBA, IMD Business School in Lausanne, Switzerland
- 2003–2008 Professor, Thunderbird School of Global Management in Arizona, USA.
- Prior Professor, Lucerne University of Applied Sciences and Arts, managed a family-run hotel and worked at Bank Leu in Zurich

## 7.4 Executive committee



#### **Executive committee**

The executive ccommittee's educational backgrounds and other vested interests are described below in brief form only. For the detailed form, see <u>here</u>. **Dr. Daniel Bossard** (1970) Swiss citizen

Business administration degree and doctorate in technology management, University of St. Gallen, St. Gallen, Switzerland

- Since 2019 Group CEO
- 2009–2018 CEO Bossard Northern and Eastern Europe
- 2003–2008 Sales & marketing manager of Bossard Group
- 2003–2006 CEO of Bossard Denmark
- 2000-2003 e-business manager of Bossard
- Prior Consultant for Accenture (formerly Andersen Consulting)



Stephan Zehnder (1965) Swiss citizen

MBA in Finance, Graduate School of Business Administration and University of Wales, Zurich, Switzerland

- Since 2005 Group CFO
- 1998–2004 Head of Group Controlling, Bossard Group
- 1996–1997 Controller corporate finance, Bossard Group
- Prior Various finance and controlling functions in international companies



Beat Grob (1962) Swiss citizen

Degree in law, University of Zurich, Zurich, Switzerland Postgraduate MBA, University of San Diego, San Diego, USA

- Since 2006 CEO Central Europe
- 2005–2016 Managing director, Bossard Switzerland
- 1997-2005 Head of logistics, Bossard Group
- 1995–1996 Project Manager Logistics, Bossard Group



**Dr. Frank Hilgers** (1966) German citizen

Degree in chemistry and doctorate, University of Stuttgart, Stuttgart, Germany Executive MBA (Accenture Program), Kellogg School of Management Northwestern University, Evanston, USA

- Since 2019 CEO Northern & Eastern Europe
- Since 2015 Manager branded products and high quality fastening solutions and innovation
- Since 2012 Manager business units, KVT Fastening
- 2009–2012 Member management team, KVT-Koenig
- 2007–2009 Head spare parts business and key account management
- 2004–2007 Head Group Strategy and Corporate Development, Siemens VDO Automotive
- 1997–2004 Senior manager strategy, Accenture (formerly Andersen Consulting)



**David Jones** (1970) Citizen of the USA

Bachelor degree in Mechanical Engineering, Lawrence Technological University, Southfield, USA MBA, Ross School of Business, University of Michigan, Ann Arbor, USA Executive education, IMD, Lausanne, Switzerland

- Since 2021 CEO America
- 2013–2020 Responsible for the global automotive business, Sika Group
- 2010–2013 Manager industry and automotive business North America, Sika Corporation
- 2004–2010 Key Account Manager, Vice President of Engineering, Sika Corporation
- 2000–2004 Director of Engineering and Global Account Manager, Sika AG
- 1995–2000 Project Manager & Key Account Manager, Sika Corporation
- 1994 Release Engineer, General Motors



**Robert Ang** (1963) Citizen of Singapore

Diploma in business administration, Thames Business School, Singapore, Singapore Diploma in mechanical engineering, Singapore Polytechnic, Singapore, Singapore MBA, Lee Kong Chian School of Business, Singapore, Singapore

- Since 2009 CEO Asia
- 2005–2009 Responsible for Bossard Greater China and prior to that, Southeast Asia region
- 1997–1999, CEO, Bossard Singapore
- 1994–1997 Manager of his own company until acquired by Bossard in 1997
- 1990–1994 Product manager, Conner Peripherals and Optics Storage Pte Ltd.
- 1986-1989 Buyer, Printronix AG



**Rolf Ritter** (1969) Dual Swiss-US citizen

Business administration degree, HSG, St. Gallen, Switzerland

- Since 2021 CSO M&A and business development
- 2020–2021 VP of M&A and Business Development (Chief Strategy Officer)
- 2014–2020 Founder of a consulting company in Miami, USA, investments in tech startups and provision of strategic M&A advice to various companies
- 2014–2020 Teacher EMBA in Information Technology at Florida International University
- 2009–2014 CEO, BDT Media Automation GmbH, Germany
- 2004-2009 General manager, Bossard France
- Prior Project manager & consultant for Volkswagen, Accenture, SIG in various countries

#### 7.5 Significant shareholders

The disclosure notifications in relation to shareholdings in Bossard Holding AG are published on the electronic publication platform of SIX Swiss Exchange and can be accessed via the search function of the disclosure office via this link.

The following shareholders held more than 3 percent of the total voting rights in Bossard Holding AG as at December 31, 2021:

The Kolin Group – a shareholder group as per article 120seq. of the Swiss Federal Act on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading (FMIA) – consisting of Kolin Holding AG, Zug, and Bossard Unternehmensstiftung, Zug, owns 56.3 percent (2020: 56.3 percent) of total voting rights and 27.9 percent (2020: 27.9 percent) of capital entitled to dividend (with notifications on January 4, 2020, January 25, 2020, June 19, 2020, August 4, 2020, January 5, 2021, July 10, 2021 and on September 17, 2021 due to changes in the composition of the shareholder group). Kolin Holding AG is wholly controlled by the Bossard families. The individual members (shareholders) of the Bossard families are published on the electronic publication platform of SIX Swiss Exchange. This shareholder group does not include shares without pooled voting rights, which are held by individual members of the Bossard families outside this shareholder group.

Bossard Holding AG is not aware of any other shareholders or groups of shareholders that held 3 percent or more of the total voting rights of Bossard Holding AG as at December 31, 2021.

Cross-shareholdings: There are no cross-shareholdings with other companies.

More detailed information can be found in <u>Bossard's</u> Annual Report.

# **8 Financial Performance**

#### 8.1 Financial review 2021

#### Robust profitability and new records

In a strong economic environment, the Bossard Group generated sales of CHF 995.1 million in the financial year 2021 (prior year: CHF 812.8 million), despite bottlenecks in the supply chains and market uncertainties caused by the COVID-19 pandemic. Sales growth amounted to 22.4 percent (in local currency: +22.2 percent). Organically, sales increased by 21.2 percent. EBIT was CHF 123.3 million (prior year: CHF 86.4 million), a remarkable plus of 42.8 percent, resulting in an EBIT margin of 12.4 percent (prior year: 10.6 percent). Net income grew by 44.7 percent to CHF 98.0 million (prior year: CHF 67.8 million). The Group achieved new records in sales as well as in EBIT and net income.

The COVID-19 situation continued to cast uncertainty in all three market regions in the financial year 2021. At the same time, strong global demand continued to strain the situation on the procurement market, resulting in further price increases and longer delivery times. Thanks to our sustained delivery capabilities, the Group benefited from strong global demand. The extent of the recovery is also evident in the – in some cases significantly – double-digit growth rates in all three market regions. The Group also solidified its competitive position in various markets and countries in 2021 by expanding its range of products and services and developing its infrastructures.

#### Strong recovery in Europe

Sales in Europe increased by 23.1 percent to CHF 574.0 million (in local currency: +22.1 percent). Among other things, newly won customer projects in the focus markets of railway vehicle construction and medical technology helped sustain positive demand. The acquisition of the Dutch company Jeveka B.V., consolidated since October 1, 2021, contributed to the gratifying sales performance. Adjusted for acquisitions, annual sales totaled CHF 564.4 million.

#### **Broad-based growth in America**

Sales in America increased by 12.4 percent to CHF 226.2 million (in local currency: +15.3 percent). Continued diversification of the customer base, for example in the electromobility sector, drove business performance. The completion of several exciting projects helped Bossard solidify new long-term customer relationships.

#### Focus on growth segments pays off in Asia

Continued strong growth throughout the year was recorded in Asia, where all regional companies posted double-digit growth rates. Especially Malaysia, India and Taiwan, as well as growth segments such as automation, robotics, and electronics, performed particularly well. Overall sales increased by 34.0 percent to CHF 194.9 million (in local currency: +31.8 percent).

#### **Robust profitability**

The global economic upturn led to capacity bottlenecks, rising raw material prices, and significantly higher freight rates. In spite of the considerable increase in procurement costs caused by these factors, gross profit grew disproportionately in relation to sales.

Sales and administration expenses increased by 19.4 percent to CHF 193.8 million. In relation to sales, however, these costs fell to 19.5 percent from 20.0 percent in the prior year. On the one hand, these expenses increased due to the steadily growing number of employees, which increased by 9.7 percent (organically: +4.9 percent) or 235 employees to a total of 2,657 fulltime equivalents. On the other hand, the increases are associated with the normalization of business activities as well as our targeted investments in the organization as part of Strategy 200 and our digitalization initiatives.

In spite of the higher cost basis, the strong growth resulted in a material increase in earnings. EBIT grew by CHF 36.9 million to CHF 123.3 million, an increase of 42.8 percent. The EBIT margin was 12.4 percent (prior year: 10.6 percent), reflecting a significant improvement in profitability after the challenging prior year.

The financial result amounted to CHF –1.3 million. Compared to last year, financial expenses decreased by CHF 2.5 million. The decline was largely due to the positive effect of foreign currency valuations. Tax expenses increased from CHF 14.5 million to CHF 23.3 million as a result of the significant increase in profit. The tax rate was 19.2 percent (prior year: 17.6 percent), mainly due to the regional profit mix.

Net income grew by 44.7 percent to a record CHF 98.0 million (prior year: CHF 67.8 million). At the annual general meeting of shareholders, the board of directors will propose a dividend of CHF 5.10 per registered A share (prior year: CHF 4.40), in line with our dividend policy of a 40 percent payout of net income.

#### Solid balance sheet in spite of higher net debt

Along with the Group's investment activities, the aboveaverage growth let to an increase in total assets in 2021. Compared to the prior year, total assets increased by 20.5 percent to CHF 772.8 million.

This increase is driven by higher customer receivables due to increased sales as well as higher inventory. While the increase in receivables is in line with the sales growth, inventory grew at an above-average rate. Besides the higher sales volumes, this increase is due to higher raw material prices and freight costs. Also, in light of the persistent market uncertainties and longer delivery times, we increased our inventory in order to ensure the best possible delivery capability to our customers. Last but not least, the acquisition of Jeveka B.V. contributed to the increase in total assets as well. Despite high earnings, the equity ratio decreased from 50.3 percent in the prior year to 45.2 percent. The reason for this decline is that Bossard directly offsets the good-will from acquisitions against equity. As a result of high investment activity and accelerated growth, net debt increased from CHF 155.7 million in the prior year to CHF 217.2 million. The gearing – the ratio of net debt to equity – rose slightly to 0.6 from 0.5 in the prior year.

While cash flow from operating activities before changes in net working capital increased by CHF 35.8 million to CHF 126.0 million, cash flow from operating activities fell from CHF 91.6 million in the prior year to CHF 65.9 million as a result of the strong increase in operating net working capital. Cash flow from investment activities increased from CHF 41.2 million in the prior year to CHF 92.3 million, mainly due to the acquisition of Jeveka B.V. in October 2021 as well as higher investments in tangible and intangible assets. While the Group had a positive free cash flow of CHF 50.4 million in the prior year, a negative free cash flow of CHF 26.4 million resulted in 2021 because of the significant growth and the investments made.

#### Outlook

The uncertainties arising from the COVID-19 pandemic continue to impact business development. Supply chain challenges remain a major issue. Nonetheless, we are optimistic about the future. In addition to the market development and the implementation of the Strategy 200, we will continue to focus on digitalization and increased investments in growth initiatives in 2022. At the beginning of the year, the purchasing manager indices continue to point to expansive industry production, and from today's perspective, procurement lead times will likely continue to normalize in the course of the year.

As communicated last year, Bossard is targeting an average organic growth rate of over 5 percent and an EBIT margin of 12 percent to 15 percent in the medium term following a phase of increased investments. To achieve this, we will continue to rely on a strong balance sheet with an equity ratio of at least 40 percent and a payout ratio of approximately 40 percent of net income.

## 8.2 Balance sheet

in CHF 1,000	31.12.2021	31.12.2020
Assets		
Current assets		
Cash and cash equivalents	34,108	40,676
Accounts receivable, trade	174,524	145,080
Other receivables	5,717	3,462
Prepaid expenses	10,812	12,246
Inventories	338,296	251,772
	563,457	453,236

#### Non-current assets

Total assets	772,776	641,308
	209,319	188,072
Deferred tax assets	20,906	21,239
Financial assets	7,671	5,404
Intangible assets	39,613	32,259
Property, plant and equipment	141,129	129,170

in CHF 1,000 31.12.2021	31.12.2020
Liabilities and shareholders' equity	
Current liabilities	
Accounts payable, trade 77,200	49,870
Other liabilities 19,007	20,328
Accrued expenses 45,436	28,502
Tax liabilities 11,391	4,745
Provisions 789	3,353
Short-term debts 86,554	67,652
240,377	174,450

#### Non-current liabilities

Long-term debts 164	,776	128,679
Provisions 5	7,388	6,805
Deferred tax liabilities 10	),687	9,034
182	,851	144,518
Total liabilities 423	,228	318,968

#### Shareholders' equity

Share capital	40,000	40,000
Treasury shares	-4,242	-3,171
Capital reserves	75,165	72,860
Retained earnings	234,332	210,266
	345,255	319,955
Non-controlling interest	4,293	2,385
Total shareholders' equity	349,548	322,340
Total liabilities and shareholders' equity	772,776	641,308

## 8.3 Income statement

## 8.4 Sales by region

in CHF 1,000	2021	2020
Net sales	995,148	812,792
Cost of goods sold	-678,028	-564,062
Gross profit	317,120	248,730
Selling expenses	-128,918	-109,692
Administrative expenses	-64,876	-52,652
EBIT	123,326	86,386
Share of result from associated companies	-620	-280
Financial result	-1,348	-3,870
Income before taxes	121,358	82,236
Income taxes	-23,341	-14,485
Net income	98,017	67,751
Attributable to:		
Shareholders of Bossard Holding AG	96,374	67,055
Non-controlling interest	1,643	696
in CHF	2021	2020
Earnings per registered A share <sup>1)</sup>	12.53	8.73
Earnings per registered B share <sup>1)</sup>	2.51	1.75

1) Earnings per share is based on the net income of the shareholders of Bossard Holding AG and the annual average number of out-

standing shares entitled to dividend. There is no dilution effect.

America Asia Group Europe in CHF million 2021 2020 2021 2021 2021 2020 2020 2020 467.8 Sales 575.5 226.9 201.7 194.9 146.1 997.3 815.6 Sales deductions -1.5 -1.6 -0.7 -0.5 -0.0 -0.7 -2.8 -2.2 Net sales 574.0 466.2 226.2 201.2 194.9 145.4 995.1 812.8

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## 8.5 Investor information

	2021	2020	2019	2018	2017
Share capital					
Registered A shares at CHF 5 par					
Capital stock in CHF 1,000	33,250	33,250	33,250	33,250	33,250
Number of shares issued	6,650,000	6,650,000	6,650,000	6,650,000	6,650,000
Number of shares entitled to dividend	6,349,096	6,341,309	6,345,360	6,272,567	6,264,709
Registered B shares at CHF 1 par					
Capital stock in CHF 1,000	6,750	6,750	6,750	6,750	6,750
Number of shares issued	6,750,000	6,750,000	6,750,000	6,750,000	6,750,000
Number of shares entitled to dividend	6,750,000	6,750,000	6,750,000	6,750,000	6,750,000
Registered A shares equivalents, entitled to dividend at Dec. 31	7,699,096	7,691,309	7,695,360	7,622,567	7,614,709
Market price					
Ticker symbol (BOSN)					
Volume traded (daily average)	13,466	20,805	19,036	17,113	14,887
Closing price at Dec. 31 in CHF	328.5	178.4	174.7	139.8	230.0
Registered A share high in CHF	362.0	179.4	180.8	252.0	242.3
Registered A share low in CHF	172.6	90.0	123.9	132.1	142.0
Dividend per share					
Registered A share in CHF	5.10 <sup>1)</sup>	4.40	2.00	4.50	4.20
Registered B share in CHF	1.02 1)	0.88	0.40	0.90	0.84
in % of share capital	102.0	88.0	40.0	90.0	84.0
Dividend yield in % (Basis: price at Dec. 31)	1.6	2.5	1.1	3.2	1.8
Earnings per share <sup>2] 5]</sup>					
Registered A share in CHF	12.53	8.73	9.73	10.95	10.33
Registered B share in CHF	2.51	1.75	1.95	2.19	2.07

	2021	2020	2019	2018	2017
Cash flow per share <sup>2] 4]</sup>					
Registered A share in CHF	15.68	11.36	12.30	13.32	12.52
Registered B share in CHF	3.14	2.27	2.46	2.66	2.5
Price/Earnings ratio (Basis: price at Dec. 31)	26.2	20.4	18.0	12.8	22.3
Net worth per share <sup>3)</sup>					
Registered A share in CHF	45.4	41.9	39.6	40.6	34.7
Registered B share in CHF	9.1	8.4	7.9	8.1	6.9

#### Market capitalization

#### (Basis: price at Dec. 31)

in CHF million <sup>3)</sup>	2,529.2	1,372.1	1,344.4	1,065.6	1,751.4
in % of shareholders' equity	723.6	425.7	441.5	344.1	663.5

Proposal to annual general meeting of shareholders
Basis: Average number of outstanding shares entitled to dividend
Basis: Number of outstanding shares entitled to dividend at year end
Net income + depreciation and amortization

5) Share attributable to shareholders of Bossard Holding AG

in CHF million	2021	2020	2019	2018	2017
Economic value added analysis					
Net sales	995.1	812.8	876.2	871.1	786.2
Earnings before interest and taxes (EBIT)	123.3	86.4	95.7	108.8	97.0
Effective tax rate in %	19.2	17.6	18.3	18.1	19.2
Net operating profit after tax (NOPAT)	99.6	71.2	78.2	89.2	78.4
Equity	349.5	322.3	304.5	309.7	264.0
Gross financial debt	251.3	196.4	220.4	162.8	144.6
Less cash and cash equivalents	34.1	40.7	32.7	32.6	20.6
Capital employed (year-end)	566.7	478.0	492.2	439.9	388.0
Average annual capital employed (A)	522.4	485.1	466.1	414.0	377.2
Return on average					
capital employed in % (ROCE)	19.1	14.7	16.8	21.5	20.8

in CHF million	2021	2020	2019	2018	2017
Cost of financial debt in %					
Average cost of financial debt	1.1	1.1	1.2	1.2	1.4
Less effective tax	19.2	17.6	18.3	18.1	19.2
Cost of financial debt after tax	0.9	0.9	1.0	1.0	1.1
Cost of equity in %					
Risk free rate					
(Basis: yearly average of yield					
Swiss government bond)	-0.2	-0.5	-0.5	0.0	-0.1
Risk premium	5.5	5.5	5.5	5.5	5.5
Cost of equity	5.3	5.0	5.0	5.5	5.4
Equity ratio	45.2	50.3	46.7	51.3	48.9
Weighted average cost of capital in % (WACC)	2.9	3.0	2.9	3.3	3.2
Economic profit in % (ROCE – WACC) (B)	16.2	11.7	13.9	18.2	17.6
Economic profit in CHF million (A) * (B)	84.6	57.0	65.0	75.3	66.3

The articles of association do not include any provisions for opting-out or opting-up.

2021	2020	2019	2018	2017
2,933.8	1,928.9	2,271.8	2,271.9	2,049.6
566.7	478.0	492.2	439.9	388.0
3,500.5	2,406.9	2,764.0	2,711.8	2,437.6
251.3	196.4	220.4	162.8	144.6
34.1	40.7	32.7	32.6	20.6
3,283.3	2,251.2	2,576.3	2,581.6	2,313.6
328.5	178.4	174.7	139.8	230.0
2,529.2	1,372.1	1,344.4	1,065.6	1,751.4
217.2	155.7	187.7	130.2	124.0
2,746.4	1,527.8	1,532.1	1,195.8	1,875.4
276.0	188.0	174.9	137.3	238.5
18.9	14.4	13.5	9.6	16.7
22.4	17.7	16.0	11.0	19.3
27.6	21.5	19.6	13.4	23.9
7.2	4.3	4.4	3.4	6.6
29.2	21.6	24.7	29.8	34.0
	2,933.8 566.7 3,500.5 251.3 34.1 <b>3,283.3</b> 328.5 2,529.2 217.2 <b>2,746.4</b> 276.0 18.9 22.4 27.6 7.2	2,933.8     1,928.9       566.7     478.0       3,500.5     2,406.9       251.3     196.4       34.1     40.7       3,283.3     2,251.2       328.5     178.4       2,529.2     1,372.1       217.2     155.7       2,746.4     1,527.8       276.0     188.0       18.9     14.4       22.4     17.7       27.6     21.5       7.2     4.3	2,933.8     1,928.9     2,271.8       566.7     478.0     492.2       3,500.5     2,406.9     2,764.0       251.3     196.4     220.4       34.1     40.7     32.7       3,283.3     2,251.2     2,576.3       328.5     178.4     174.7       2,529.2     1,372.1     1,344.4       217.2     155.7     187.7       2,746.4     1,527.8     1,532.1       276.0     188.0     174.9       18.9     14.4     13.5       22.4     17.7     16.0       27.6     21.5     19.6       7.2     4.3     4.4	2,933.8     1,928.9     2,271.8     2,271.9       566.7     478.0     492.2     439.9       3,500.5     2,406.9     2,764.0     2,711.8       251.3     196.4     220.4     162.8       34.1     40.7     32.7     32.6       3,283.3     2,251.2     2,576.3     2,581.6       328.5     178.4     174.7     139.8       2,529.2     1,372.1     1,344.4     1,065.6       217.2     155.7     187.7     130.2       2,746.4     1,527.8     1,532.1     1,195.8       276.0     188.0     174.9     137.3       18.9     14.4     13.5     9.6       22.4     17.7     16.0     11.0       27.6     21.5     19.6     13.4       7.2     4.3     4.4     3.4

#### Share price development 2017–2021

Valor: 23862714, ISIN CH0238627142/BOSN





EBIT Earnings Before Interest and Taxes

NOPAT Net Operating Profit After Taxes

ROCE Return On Capital Employed

WACC Weighted Average Cost of Capital

EV Enterprise Value

EVA Economic Value Added

EBITDA Earnings Before Interest, Taxes, Depreciation and Amortization

## INVESTOR MANUAL

## 9 Competitive landscape

#### 9.1 Company-wide competition

The distribution market for industrial fasteners and C-parts is highly fragmented with thousands of firms competing worldwide without any having a dominant market share. Barriers to entry and price intensity can be low, especially when it comes to standard products or large-volume bulk goods without any value added services like Bossard offers. Bossard competes mostly with SMEs, often family-owned with only a limited overlap of product ranges and end-market exposures. In each of the three business areas there are many small but also some larger, partially comparable fastening distributors for instance like Fastenal (USA), Wurth (Germany) or Bufab (Sweden) which have also internationalized their operations.



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Bossard Holding AG Steinhauserstrasse 70 6300 Zug Switzerland

Phone +41 41 749 65 86 Fax +41 41 749 60 21 investor@bossard.com www.bossard.com