

**BOSSARD**

Proven Productivity



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## Smart Factory Logistics

Agile, lean and reliable

Your success is important to us. As you strive to secure your sustainable advantage, we recognize your key challenges:



Jane, CEO

“How do I reduce our overall costs (TCO) and boost productivity to always keep ahead of the competition?”



Andrew, Supply Chain/Procurement

“How do I minimize uncertainties in my procurement processes to an absolute minimum?”



Lee, COO/Production Manager

“How do I keep track of market developments like mass customization batch size one, real time automation or total process visibility, affecting our production?”

## SMART PROCESSES FOR HIGHER PRODUCTIVITY

# Bossard Smart Factory Logistics as a new manufacturing mindset

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In today's fast moving world, manufacturing and production are the true drivers of growth. The better, the leaner, and the smarter you make your factory, the more likely you'll succeed in the market.

We want you to become the best possible factory you can be with our Smart Factory Logistics methodology.

Greg, Bossard

"Bossard is a pioneer in the field of logistics solutions for B- and C-parts. We are committed to help you in positioning your company, your brand and your products ahead of others."





“Quantifiable benefits month  
by month – with Smart  
Factory Logistics to success.”

**Thomas Siegenthaler**  
Manager Production Traction Converters  
ABB, Switzerland



“1,800 working hours  
per year saved – more  
time for our clients.”

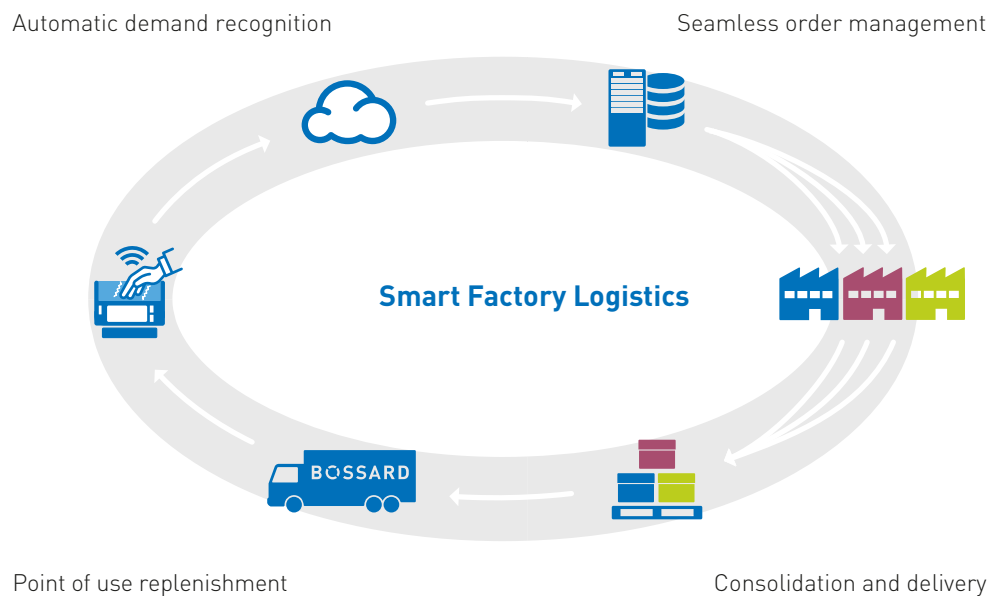
**Nihad Zaugg**  
Buyer,  
Signal AG, Switzerland



## COMPREHENSIVE LOGISTICS SERVICE

# Simple process – efficient and reliable supply chain

Smart Factory Logistics is an end to end service for managing your B- and C-parts. It is a time tested and proven methodology that helps to uncover hidden potential for productivity improvement.



The Smart Factory Logistics Systems constantly monitor stock levels. With our software ARIMS, demand is anticipated and order management is seamless. Material delivery is direct to the point-of-use.














## OUR OFFERING

# Customized solutions for your challenges



## Systems

From the fully automated and flexible SmartBin Cloud to the informative SmartLabel Cloud with real-time information and to traditional Kanban systems: Your requirements determine our system.

	 SmartBin Cloud	 SmartLabel Cloud	 Conventional Systems
ORDER RELEASE			
REAL TIME ORDER AND DELIVERY INFORMATION		✓	
REFILL RECOGNITION			
AUTOMATED ERROR RECOGNITION	✓	✓	
FLEXIBLE PLACEMENT	✓	✓	
POINT OF USE	✓	✓	
CONNECTED TO THE ONLINE PLATFORM ARIMS	✓	✓	✓



Fully automated



Semi automated



Manual



Web-based



## ARIMS - Supply chain collaborative platform

With an easy to use interface, intuitive features and highly intelligent analytics, ARIMS is the operation dashboard of Smart Factory Logistics. Engineered with the latest software technologies, it enables M2M Communication. It is time-tested and a proven technology.

### KEY FEATURES

- B2B ERP integration ready
- Real-time data
- Personalized dashboard
- Graphical analysis and reports

Bossard Smart Factory Logistics offers you the solution that is precisely tailored to your needs.



## Solutions

Focus on your core competence, knowing that your steady supply is guaranteed. Smart Factory Logistics Solutions are the key to smooth and seamless supply chain performance.

SOLUTION	DESCRIPTION
 <b>DEMAND MANAGEMENT</b>	Bossard Smart Factory Logistics Systems are ready for use and ensure article availability.
 <b>ON-TIME DELIVERY</b>	Select delivery method from accepting supply at the receiving area up to work cell replenishment.
 <b>EXPERT SUPPORT</b>	Our experts are available to design, maintain and optimize your system as well as offer additional advisory services.
 <b>ARIMS</b>	Stay in control by receiving personalized and real time data. Optimize your supply chain through interactive program management and a mobile app.
 <b>CUSTOMIZABLE OPTIONS</b>	Customize your solutions package with further solutions such as a as: <ul style="list-style-type: none"><li>▪ Supplier Base Consolidation</li><li>▪ ERP Integration</li><li>▪ Last Mile Management</li><li>▪ Pick-by-Light and Put-to-Light</li></ul>

- Mobile app for smart devices
- Operation dashboard
- Interactive program management
- Last Mile operation dashboard





## SMART FACTORY LOGISTICS

# Blueprint

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### Bulky goods area

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Smart Pallets are used to store heavy and bulky items with a high volume. Material weighing up to 1,000 kg can be managed.

### Assembly line

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The material at the assembly line is optimized by Bossard, fully automated and reliable. Our systems (i.e. SmartBin Cloud) are mobile and wireless – ensuring you the maximum mobility.

### Workcell

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The optimum quantity always available at your workcell – ergonomically integrated into your operations. Our systems (i.e. SmartLabel Cloud) are proven to fit into your factory layout. With the Last Mile Management solution, the Milkrun is supported to execute its operations efficiently and in a time-saving way.



## Supermarket area

Real time information and total transparency – these core competences lead you to maximum reliability and availability. Bossard systems (i.e. SmartBin Cloud) optimize your stock according to your needs.

## Operation dashboard

Keep control by receiving real time data for meaningful analysis and total transparency. Our application software ARIMS optimizes your stock levels with state of the art analytics tools and mobile apps.

## AHEAD OF COMPETITION

# 5 immediate benefits of Smart Factory Logistics

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### 1. Increased agility

Using advanced embedded sensor technology, Smart Factory Logistics systems automatically recognize manufacturing demand fluctuation. This allows the supply chain to respond with increased agility.



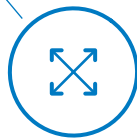
### 2. Improved predictability

ARIMS application software analyzes big data to uncover meaningful patterns, which increases supply chain predictability and efficiency.



### 3. Leaner process

- **Maximum** savings on order management cost
- **Significant** reduction in material handling cost
- **Lowest** inventory holding cost
- **Highest** availability



### 4. Maximum flexibility

Smart Factory Logistics Systems are engineered to suit different manufacturing environments and production setups. This ensures maximum operation flexibility.



### 5. Proven productivity

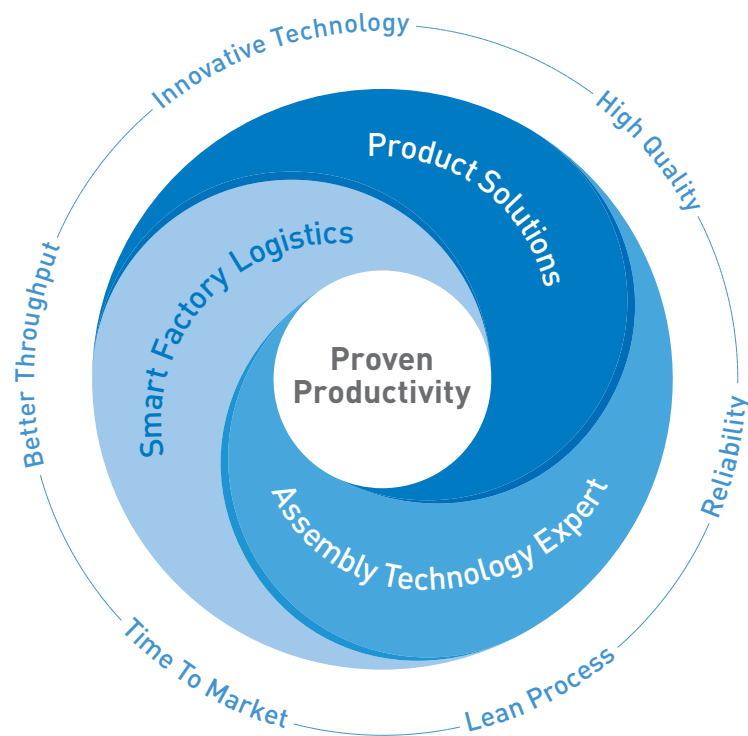
Based on the value-stream-mapping methodology, Smart Factory Logistics Advisory provides expertise for continuous and sustainable productivity improvement. Execution focused, result oriented.



Tracy, Bossard

## OUR BUSINESS MODEL

# Smart Factory Logistics as part of the whole



From years of cooperation with our customers we know what achieves proven and sustainable impact. We have identified what it takes to strengthen the competitiveness of our customers. Therefore we support our customers in three strategic core areas.

Firstly, when finding optimal **Product Solutions**, that is in the evaluation and use of the best fastening part for the particular function intended in our customers' products.

Second, our **Assembly Technology Expert** services deliver the smartest solutions for all possible fastening challenges. Our services cover from the moment our customers developing a new product, to

assembly process optimization as well as fastening technology education for our customers' employees.

And thirdly, optimising our clients' productions in a smart and lean way with **Smart Factory Logistics**, our methodology, with intelligent logistics systems and tailor-made solutions.

Understood as a promise to our customers, "Proven Productivity" contains two elements: Firstly, that it demonstrably works. And secondly, that it sustainably and measurably improves the productivity and competitiveness of our customers.

And this for us is a philosophy which motivates us every day to always be one step ahead.

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[www.bossard.com](http://www.bossard.com)