



# Synthetis Metals

## Schneider Electric Collaborative Automation Partner Program

A strong presence in the steel world ... a close relationship with its customers.

Since 2004, Synthetis Metals supports its customers ahead of a project to:

- Assist with ROI analysis, specifications, and budget
- Deploy at best cost

... but also — and especially — after the implementation to:

- Sustain solution (continuous improvement)
- Share experiences and skills “Business” and “IT”

### Innovating for more than 25 years

Synthetis is a Belgian industrial IT company established in 2001 by the same team that created Cimview in 1988 — a major innovation at that time for operational control and remote management. At the end of 2003, Synthetis took over Cimview and has since then ensured its continuity, thereby extending a long-established tradition of trust among its clients. Synthetis has also created a subsidiary dedicated to solutions for the metalworking industry: Synthetis Metals.

It is by being out in the field among the industries they work for that they have built up a unique and invaluable expertise, ready to meet the challenges of the modern era. Their solutions are not an “end” in themselves. Each time they come up with an innovation, their aim has always been to meet the needs of clients on site. Maintaining this course has allowed them to bring numerous innovations using the latest technology to the market, focusing, as always, on pragmatic solutions.

In the steel industry, management of logistics is critical. Step by step, FLUXX simplifies the task by optimizing the automation and mapping of all movements on site.

There are three critical areas to manage, and Synthetis provides solutions for each one.

#### Management of mobile containers: FLUXX Access

Aim: streamlining transport and minimizing time lorries spend on site.

FLUXX Access automates the identification and mapping of lorries.

Intelligent automation is based on the real-time status of loading bays. So the customer can focus his or her staff's skills on production-related activities.

#### Management of your sites: FLUXX Yard

Aim: improving productivity, quality, and safety.

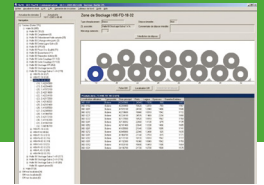
FLUXX Yard offers instant visibility of your sites and helps keep your production lines supplied. It means that FLUXX Yard optimizes the coordination of every movement, whether the customer's system is controlled manually or automatically. Searches are no longer necessary, which allows to increased safety on sites.

In addition, it eliminates line-supply errors and reduces supply disruption while ensuring full traceability. Unnecessary handling, as well as the damage it causes, is reduced.

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The Synthetis-Schneider Electric partnership improves our FLUXX Yard product offering: Schneider Electric takes care of the “electrical” side of logistical movements, while Synthetis handles the “systems and optimization.”

#### Internal flow management: FLUXX Site

Aim: to efficiently direct products to a line or unloading bay, but also to optimize the grouping of products according to deliveries.

FLUXX Site tracks and optimizes each movement between facilities depending on the production program and capacity of the existing depots and transportation methods. The movement of each item and/or product is optimized at each stage to reduce storage time and increase productivity.

With its user-friendly interface, FLUXX offers comprehensive management and monitoring across these three key areas of your site.

For several years now, customers in the steel industry have thought to optimize their supply chain and, for this reason, Schneider Electric has signed a partnership agreement with Synthetis Metals to offer full automation for production and shipping facilities.

This collaboration includes technological synergy:

- Schneider Electric provides bridge automation
- Synthetis Metals provides the IT solution for flow management

And it is designed to develop our business relationships with key accounts.

Synthetis international accomplishments mean that Schneider Electric/Synthetis Metals is a key player in the field of automatic bridges today.

Markets served

● Primary sectors of activity    ● Secondary sectors of activity

End user					OEM						Expertise	
Food & Beverage	Water	Oil & Gas	Mining Minerals	Electrical Energy	Hoisting	Lift	Packaging	HVAC & R	Conveying	Textile	M.E.S.	Logistics
●	○	○	●	○	●	○	○	○	○	○	●	●

Authorized CAPP products

Authorized CAPP products	Product description	For more information
<b>FLUXX Site</b>	<ul style="list-style-type: none"> <li>Product management on mobile container (trains – trucks)</li> <li>Product orientation between hall</li> <li>Product priority management</li> <li>Link with ERP</li> </ul>	<a href="https://synthesis.com/en/solutions/steelworking-logistics.html">synthesis.com/en/solutions/steelworking-logistics.html</a>
<b>FLUXX Access</b>	<ul style="list-style-type: none"> <li>Mobile container (trains – trucks) management on a plant</li> <li>Mobile container orientation</li> <li>Mobile container priority management</li> </ul>	
<b>FLUXX Yard</b>	<ul style="list-style-type: none"> <li>Real-time inventory</li> <li>Cranes management and tracking</li> <li>Movement priority</li> <li>Movement allocation between cranes</li> <li>Product orientation</li> <li>Security</li> </ul>	
For more detailed product information, please consult: <a href="https://synthesis.com/en/fluxx-en">synthesis.com/en/fluxx-en</a>		

[schneider-electric.com](https://schneider-electric.com)

Life Is On

