



CASE STUDY:

Cybersecurity providing protection for Industry 4.0



COMPANY PROFILE

Soltherm, born out of a partnership between two Italian companies Solera Materie Plastiche and Thermoform, is a brand specialising in the production of plastic components with a history dating back more than 49 years. The two companies merged to form the Solera-Thermoform Group in 2009, which is now a leader in the thermoforming sector not only in Italy, but also throughout Europe.

Automotive, agriculture, medical and transportation are the core sectors supplied by the Solera-Thermoform Group, which operates 2 production facilities with a total size of 25,000 m². The company has two sites in Italy in Fucecchio (FI) and Torreglia (PD), a workforce of 170 employees and turnover of 26 million euros.

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Ricoh's professional experts carried out a detailed assessment, analysing all aspects and assessing potential vulnerabilities and risks.

SAMUEL SCHIAVO
IT MANAGER, SOLERA-THERMOFORM GROUP

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THE ROLE OF IT

The scale of digitalisation within the Solera-Thermoform Group has increased massively over the last few years and Information Technology is playing an increasingly strategic role also in supporting developments from an Industry 4.0 perspective. System availability, reliability and security are key factors in ensuring business continuity and growth.

As Samuel Schiavo, the company's IT manager, comments: "Once, IT and production were two separate worlds, though now this is no longer the case. Any IT-related problem has a negative impact on our core business, and so we have an extremely strong focus on this aspect".

THE CHALLENGE

Within Industry 4.0, cybersecurity is therefore an indispensable issue, as Samuel Schiavo explains: "Innovation and security have to progress in lockstep. This is fundamental for production and is also an essential requirement for competing on the market. Many major clients ask us to provide stringent certifications in which the IT security aspect is key."

In the past, security was managed with entry-level firewalls and antivirus software, although these were no longer sufficient within today's climate.



A FULL-SPECTRUM CYBERSECURITY PROJECT

The company therefore approached Ricoh Italy, which was already supplying PCs and the printing environment. Ricoh's professional experts carried out a detailed assessment, analysing all aspects and assessing potential vulnerabilities and risks.

Samuel Schiavo also notes: "Ricoch delivered a complete solution based on Fortinet technologies, which incorporates firewalls (FortiGate 100F and 60F) and antivirus protection (FortiClient EPP), thus guaranteeing high security at both perimeter and endpoint level. The solution enabled us for instance to enhance the VPN connection between our two facilities. It also ensures protection for any PCs that are temporarily outside the company network and offers the option of distributing updates also to these clients and monitoring their status at any time."



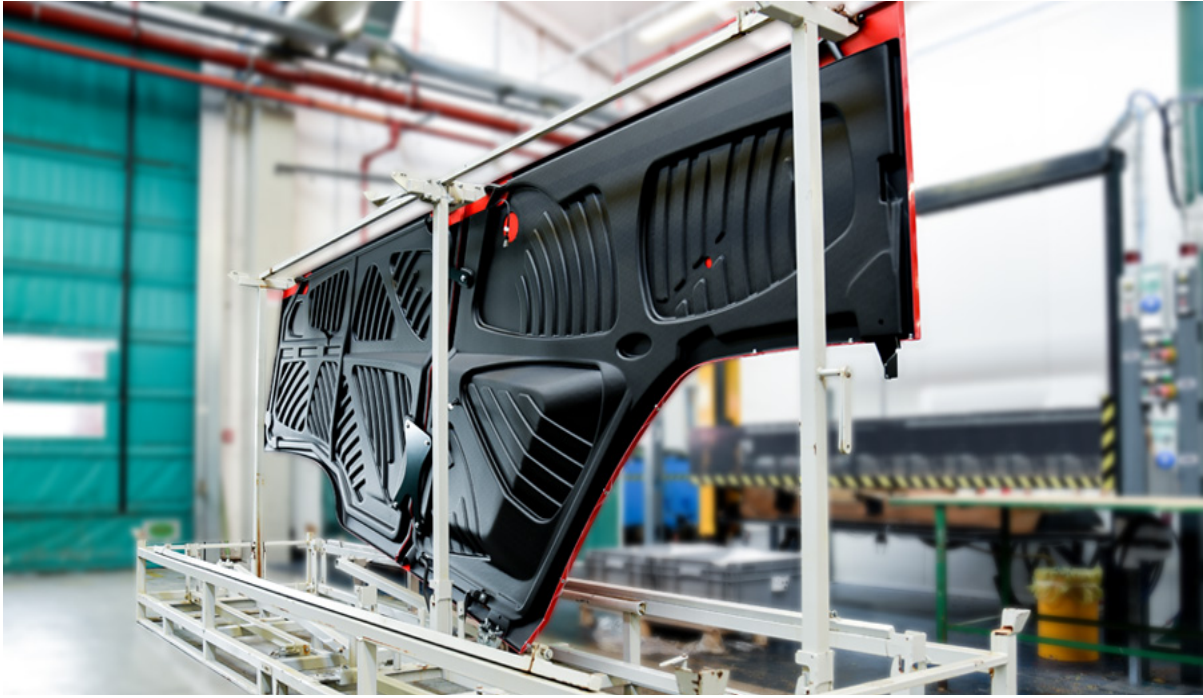
Now our business is really secure. We are extremely satisfied with the solution proposed by Ricoh, which enables us amongst other things to readily comply with all the conformity requirements stipulated by our clients.

SAMUEL SCHIAVO

IT MANAGER

SOLERA-THERMOFORM GROUP





BENEFITS

- Option of personalising solutions
- Centralised firewall and antivirus management
- Detailed reporting and constant monitoring
- Extremely fast automated updates
- Threat response in advance of any impact on the business
- Compliance with law and regulations

Samuel Schiavo concludes: "Now our business is really secure. We are extremely satisfied with the solution proposed by Ricoh, which enables us amongst other things to readily comply with all of the conformity requirements stipulated by our clients".

ABOUT RICOH

Ricoh is empowering digital workplaces using innovative technologies and services that enable individuals to work smarter from anywhere. With cultivated knowledge and organisational capabilities nurtured over its 85 year history, Ricoh is a leading provider of digital services, information management, and print and imaging solutions designed to support digital transformation and optimise business performance.

Headquartered in Tokyo, Ricoh Group has major operations throughout the world and its products and services now reach customers in approximately 200 countries and regions. In the financial year ended March 2022, Ricoh Group had worldwide sales of 1,758 billion yen (approx. 14.5 billion USD). For further information, please visit www.ricoh-europe.com

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