

# IT and OT Security in Manufacturing

The resilience, agility and innovation of the manufacturing industry is impressive. The V-shaped recovery in the post-Covid world is mostly a result of how manufacturers have pioneered ways to create value for their customers, often enabled by data and technology.

However, the ongoing news of massive cyberattacks on manufacturing companies has been a wake-up call. Operational technology (OT) security had not been on the radar of many CISOs and plant managers until they got hit.



Costly production shutdowns, loss of intellectual property and ransom demands are typically the disturbing results of a cyberattack. In some cases even safety and human life are at risk. Not surprisingly, compliance regulations are on their way and as such, [Gartner](#) predicts that 75% of CEOs will be personally liable for cyber-physical security incidents within the next few years.

Reflecting these developments, Splunk's global survey [State of Security 2021](#) found out that:

- **49%** of organizations say addressing the increasingly sophisticated threat landscape is harder than it was two years ago – especially in a complex multi-cloud world.
- **78%** of companies expect another SolarWinds-style supply chain attack.
- **88%** of organizations say they are increasing security spending – and 35% say “significantly.”

Splunk and Google Cloud are deeply invested in a global [strategic partnership](#). One of the outputs of our partnership is that Splunk's established security products and solutions are available directly within Google Cloud, including Splunk for OT Security.

Together with Splunk Enterprise Security, Splunk for OT Security provides a unified, real-time view across an organization's IT and OT environments. It is aligned to the latest MITRE ATT&CK framework for industrial control systems (ICS) and integrates with leading OT security tools such as Claroty and Nozomi.

As such, Splunk and Google Cloud are helping companies achieve their security goals in three core ways:

### 1. By ensuring holistic visibility across IT and OT environments via a central IT/OT SOC

Splunk is proud to be named a “Leader” in Gartner's 2021 Magic Quadrant for Security Information and Event Management (SIEM) for the eighth consecutive year.

### 2. By leveraging a cloud-based SIEM and security strategy customized for manufacturers

Splunk equips clients with state-of-the art cybersecurity protection in a cloud-first world.

### 3. By enabling a quick setup via an “Autobahn” Proof-of-Value (POV) on Google Cloud

Splunk Autobahn provides a selection of specific use cases for a quick start in a production environment.

