

2023

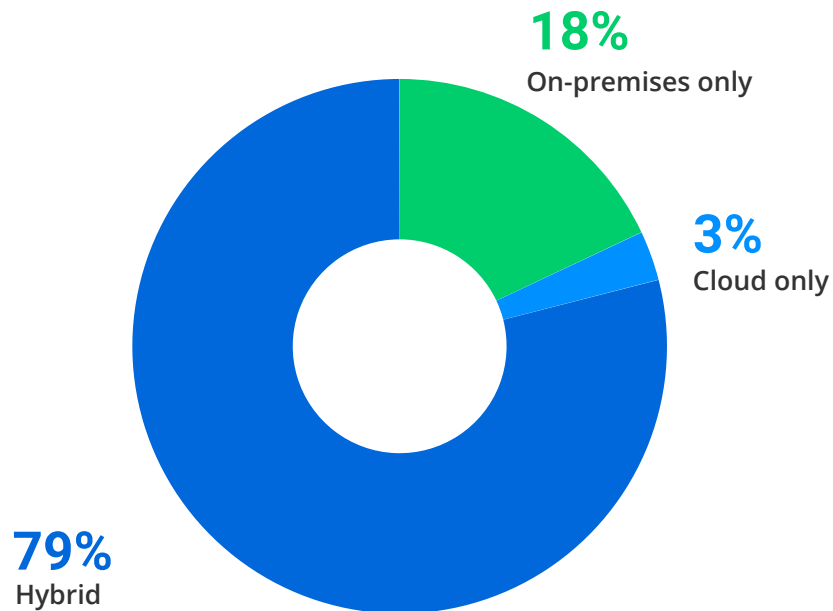
Hybrid Security Trends Report

Additional Findings for the Manufacturing Sector

CLOUD ADOPTION

79% of manufacturing organizations have a hybrid IT infrastructure, which is similar to most other industries. However, only 3% of manufacturing respondents indicate being exclusively cloud-based, in contrast to 8% for other industries.

*IT Architecture:
Manufacturing Sector*



Several factors can help explain why the share of fully cloud-based organizations in the manufacturing sector is low. First, investment cycles in the industry can last more than a decade, so manufacturing organizations may have legacy systems and infrastructure that are not compatible with the cloud. Second, manufacturing enterprises can be reluctant to fully rely on cloud technologies for fear of service disruptions or internet connectivity issues impacting their production processes. Finally, they may feel that information about their cutting-edge technologies and other intellectual property is more secure and reliable on their own server disconnected from the internet than in the cloud.



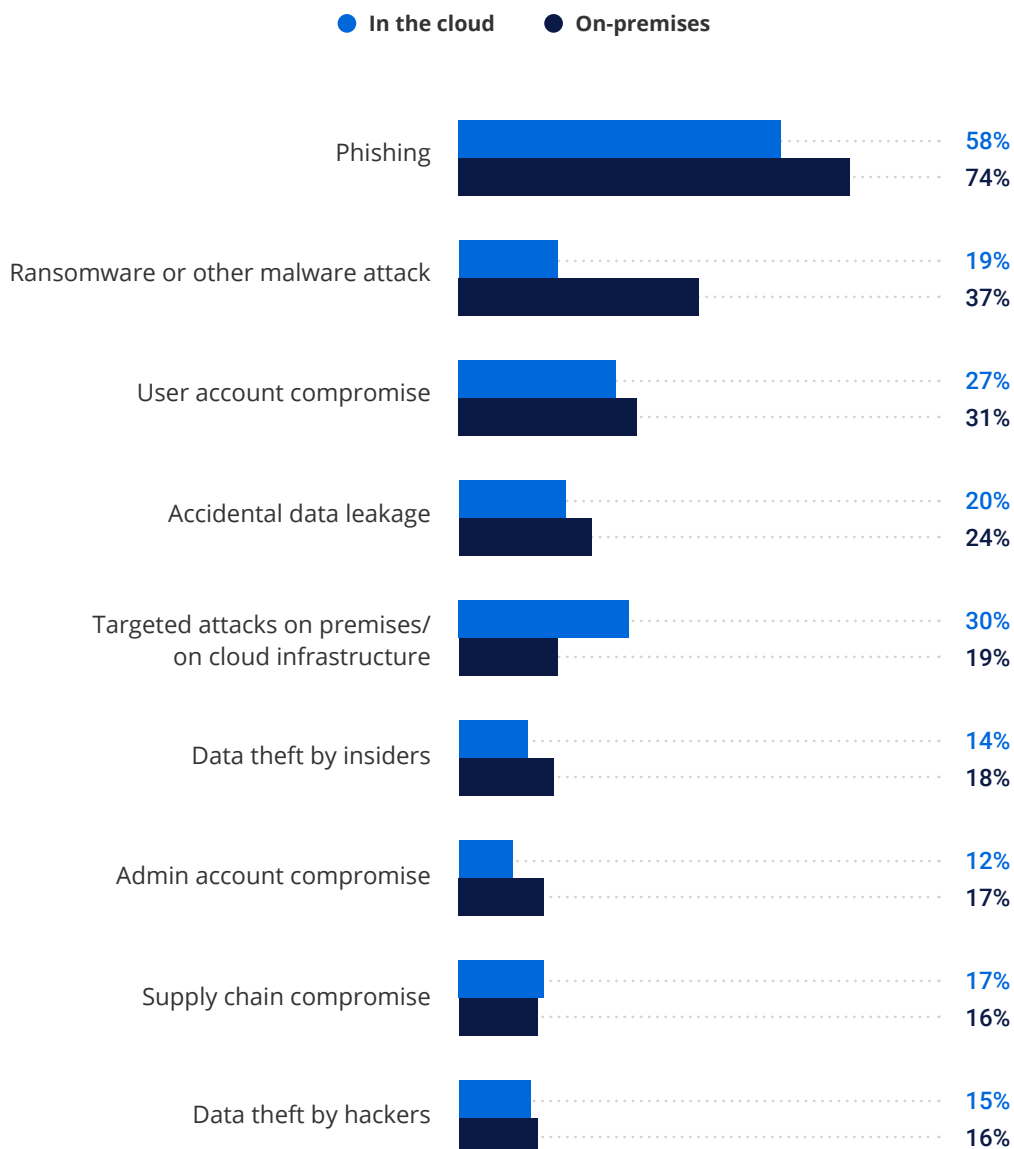
Dirk Schrader

VP of Security Research at Netwrix

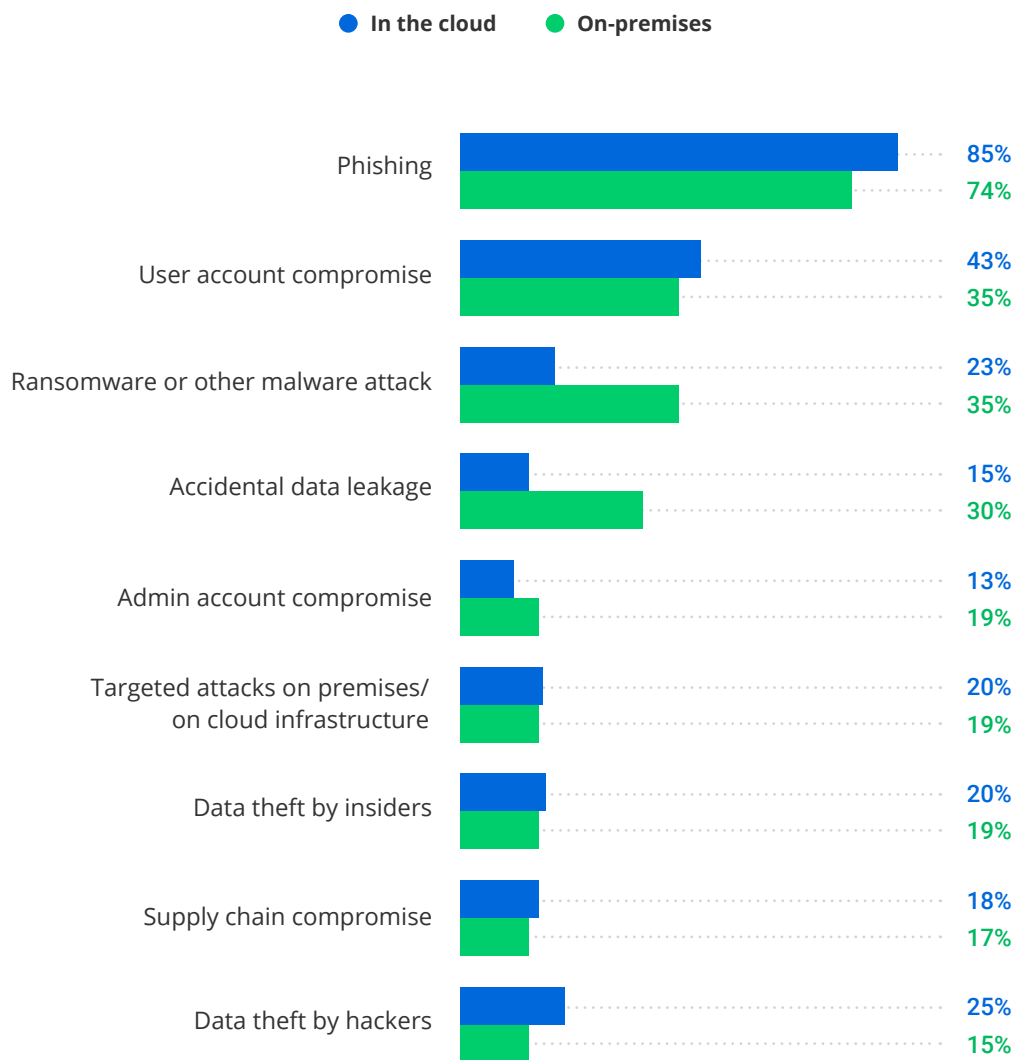
SECURITY INCIDENTS

64% of organizations in the manufacturing sector suffered a cyberattack within the last 12 months, which is similar to the finding among other industries (68%). We asked those who suffered one or more cyberattacks to provide details on what happened. It turned out that the manufacturing sector experiences more attacks on their cloud infrastructure than any other industry surveyed. Indeed, 85% spotted phishing in the cloud compared to only 58% in other verticals, 43% faced user account compromise in the cloud as opposed to 27% among other industries, and 25% dealt with data theft by hackers in the cloud compared to 15% among organizations overall.

Most common security incidents in organizations overall



Most common security incidents in the manufacturing sector



The manufacturing sector heavily relies on the cloud specifically to work with their supply chain in real time. Infiltration into this cloud infrastructure is a lucrative target for attackers as it allows to move laterally and potentially compromise other linked organizations. Successful credential abuse or malware deployed via a phishing email is just the beginning of the attack.



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IT PRIORITIES

The main IT priorities are the same for organizations across all industries, including the manufacturing sector: data security and network security. But when we asked respondents what they would do to enhance their organization's cybersecurity posture if they had a chance to decide on their own, there were differences. Improved privileged access management and better training for IT staff topped the list for the other industries, but the top choice for the manufacturing sector was better training for business users.

If you had a chance to make a decision on your own, what measures would you take to enhance your organization's cybersecurity posture?



Growing level of automation and digitalization in the manufacturing sector transforms job profiles of many employees on the production floor. As a result, people who hardly ever encountered cyber threats at their workplace now face them almost daily and require proper security awareness training.



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ABOUT THE REPORT

The report is brought to you by Netwrix Research Lab, which conducts industry surveys among IT pros worldwide to discover important changes and trends. For more reports, please visit www.netwrix.com/research

ABOUT NETWRIX

Netwrix makes data security easy. Since 2006, Netwrix solutions have been simplifying the lives of security professionals by enabling them to identify and protect sensitive data to reduce the risk of a breach, and to detect, respond to and recover from attacks, limiting their impact. More than 13,500 organizations worldwide rely on Netwrix solutions to strengthen their security and compliance posture across all three primary attack vectors: data, identity, and infrastructure.

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