

# Gartner Top Security and Risk Management Trends for 2020

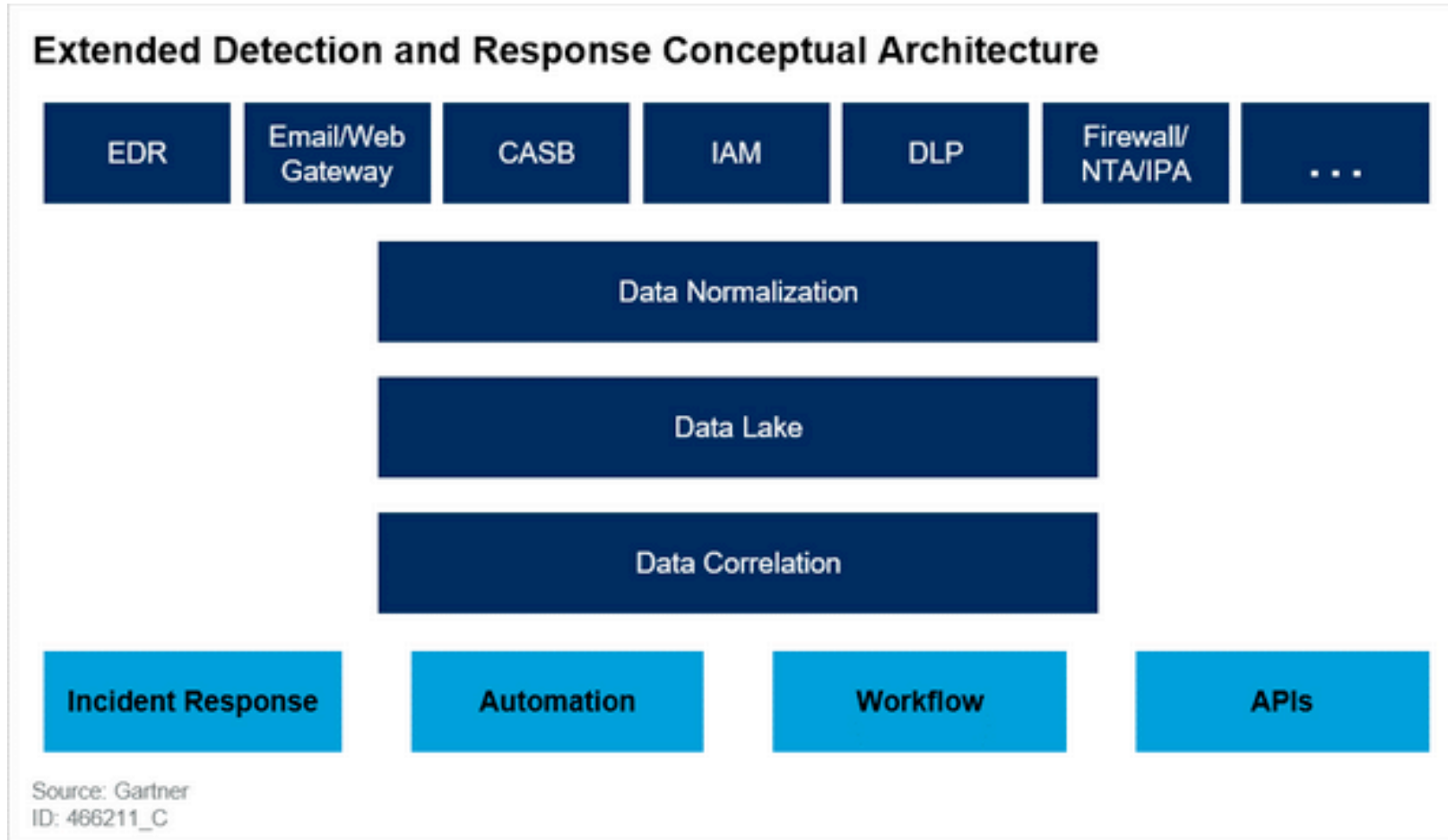
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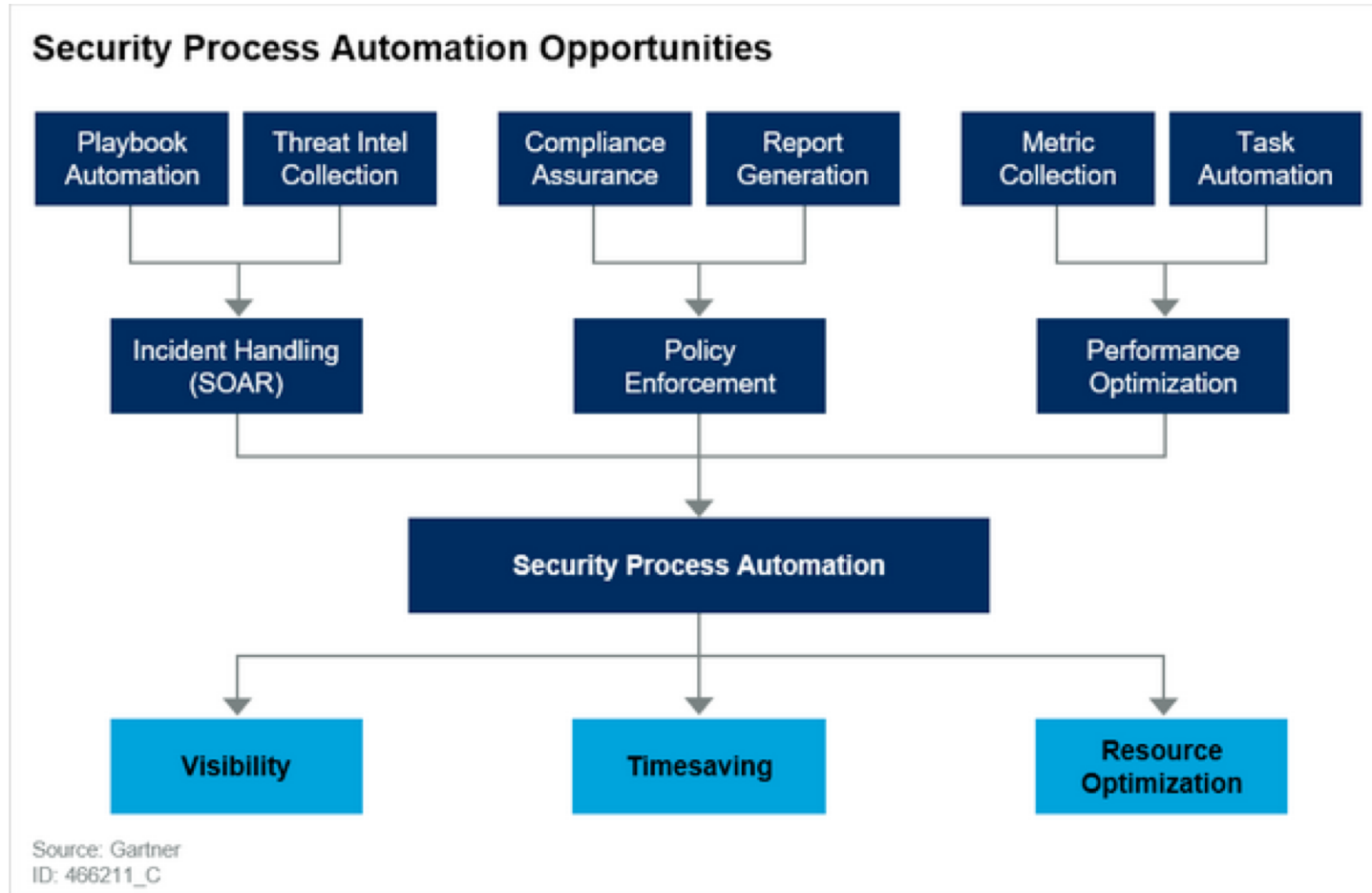
# Top 9 Security Trends for 2020

“Top Security and Risk Management Trends”, Gartner: Peter Firstbrook, Neil MacDonald, Lawrence Orans, Mario de Boer, Katell Thielemann, Bart Willemsen, Akif Khan, Michael Kranawetter, 27 February 2020

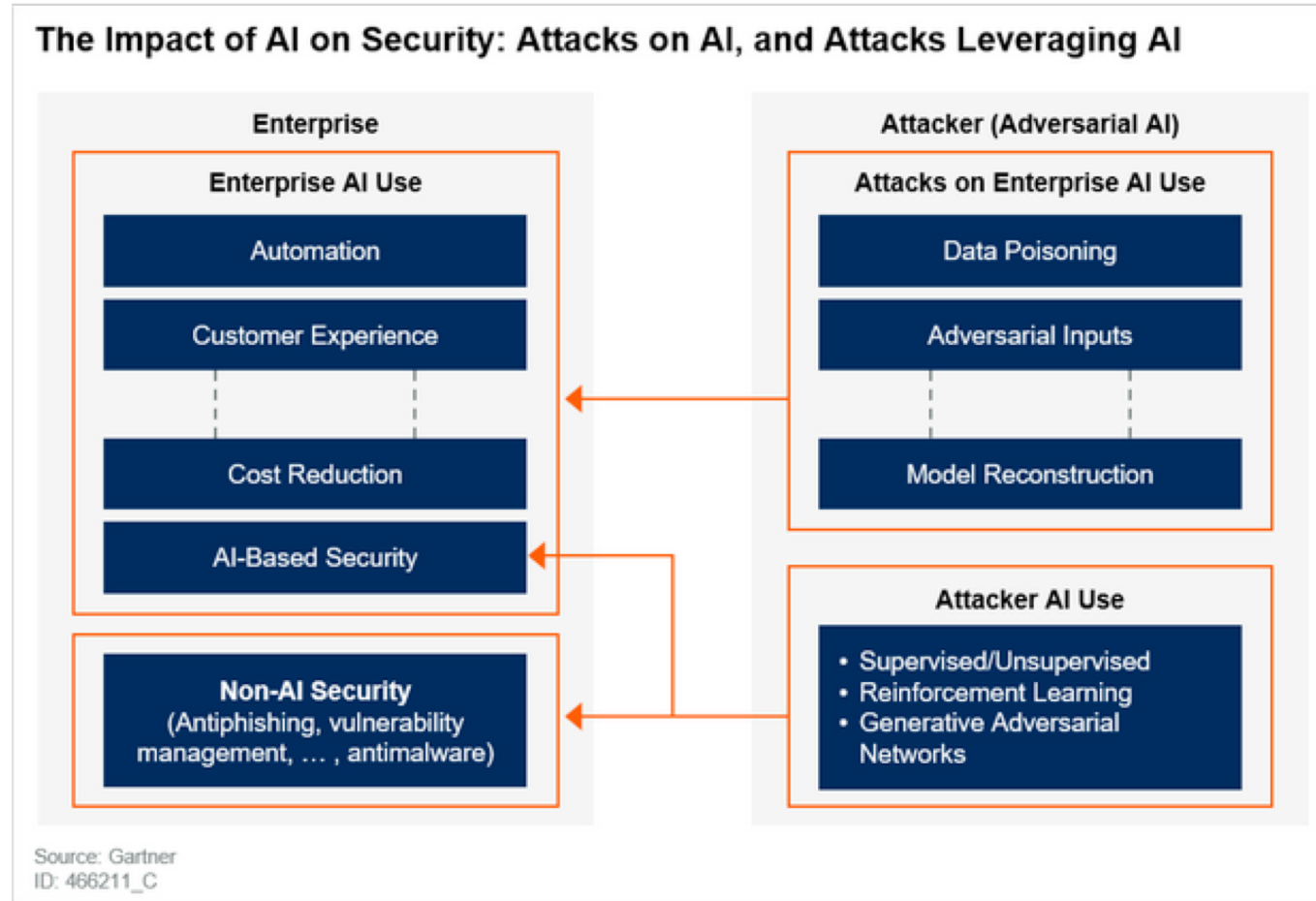
# Trend No. 1: Extended Detection and Response Capabilities Are Emerging to Improve Detection Accuracy and Security Productivity



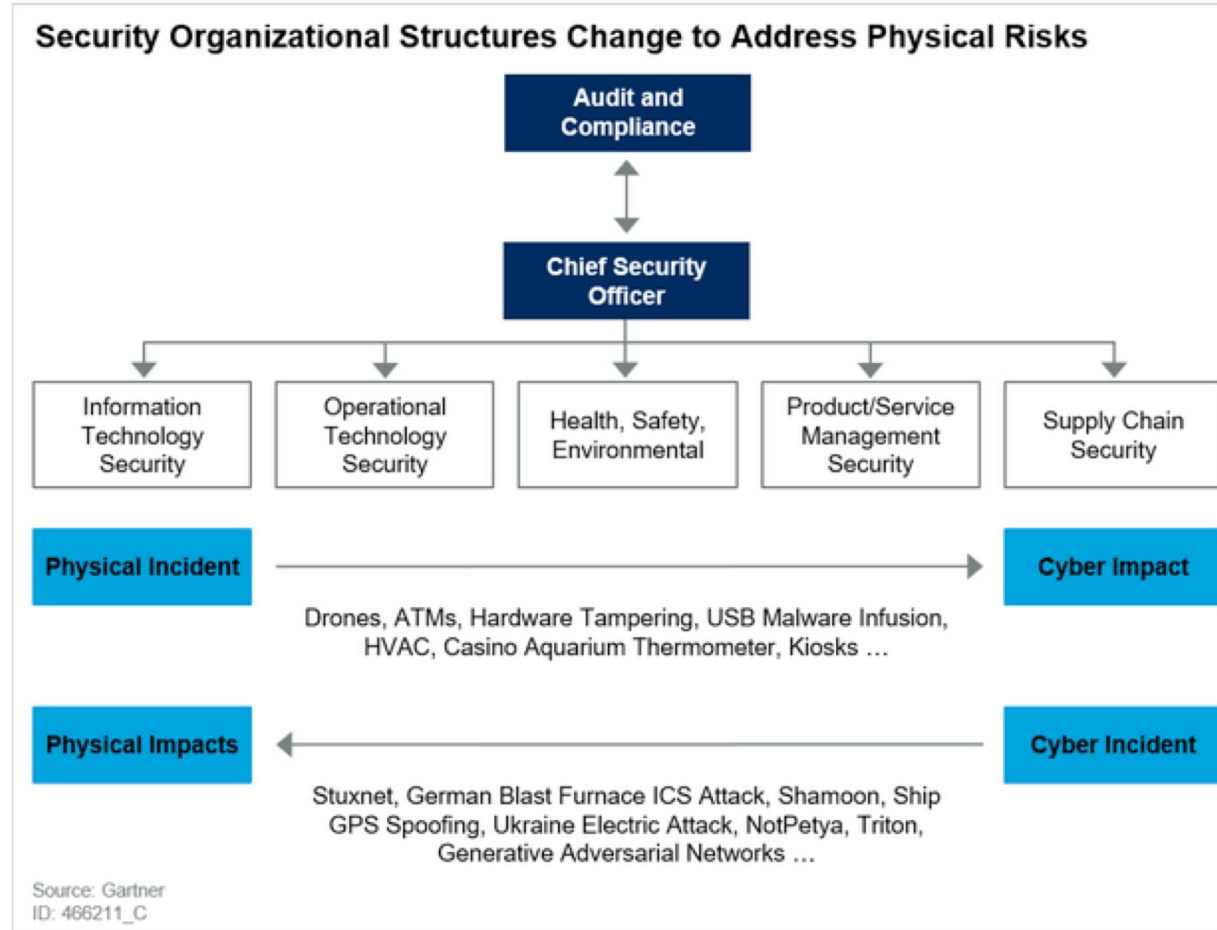
# Trend No 2: Security Process Automation Is Emerging to Eliminate Repetitive Tasks



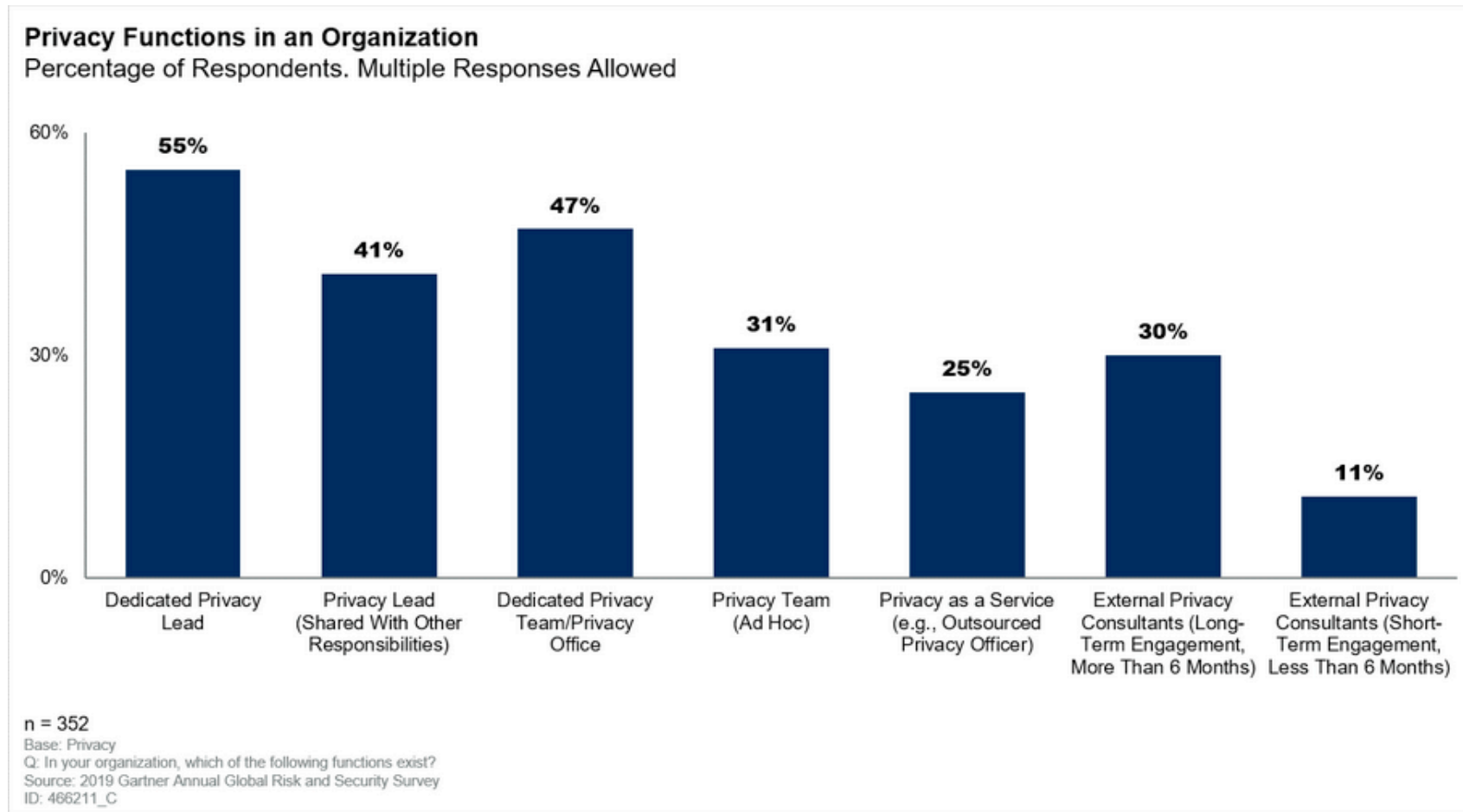
# Trend No. 3: AI Creates New Security Responsibilities for Protecting Digital Business Initiatives and Security Tools That Use AI and Defending Against AI-Based Attacks



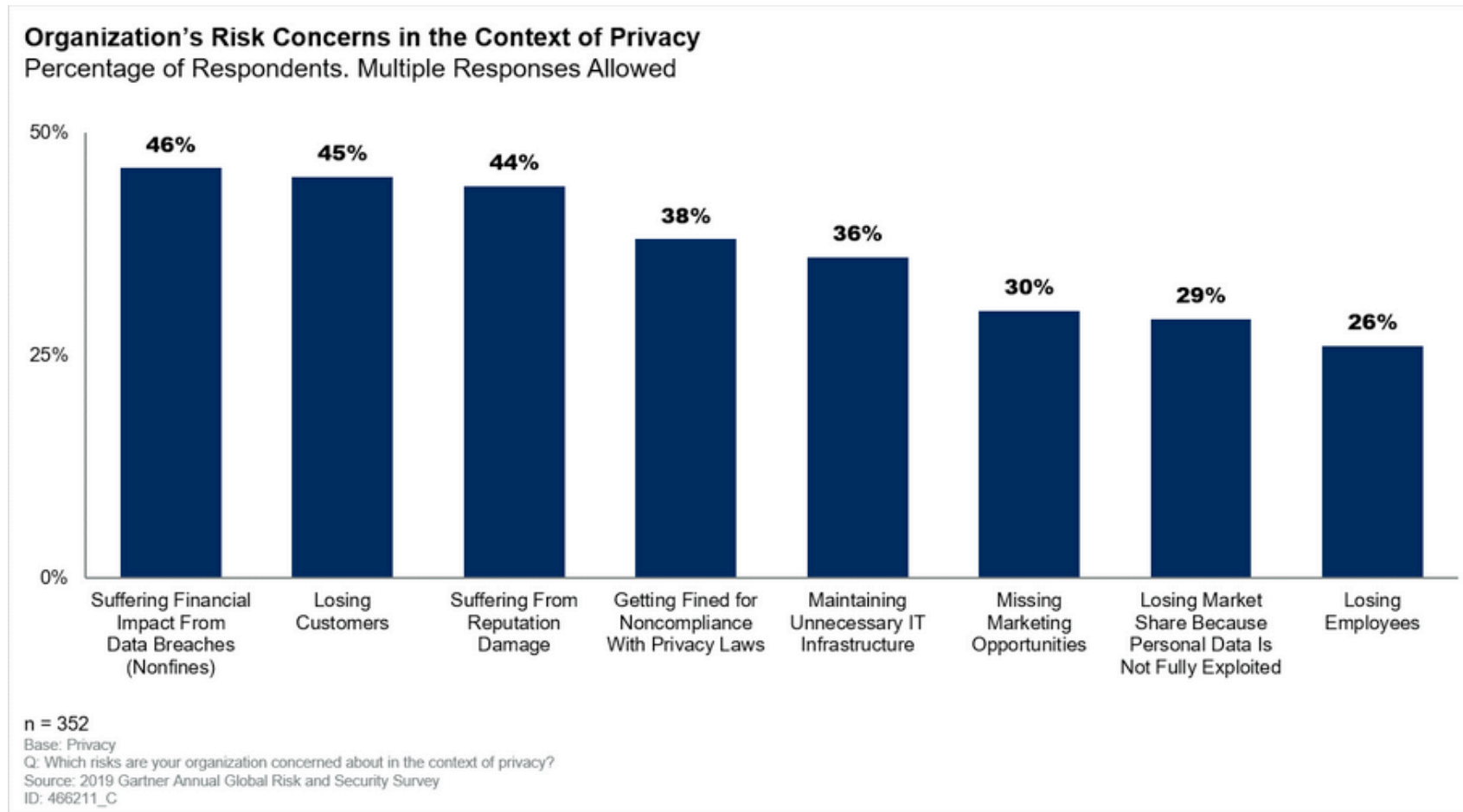
# Trend No. 4: Leading Organizations Deploying Cyber-Physical Systems Are Implementing an Enterprise-Level Chief Security Officer to Bring Together Multiple Security-Oriented Silos



# Trend No. 5: Privacy Is Becoming an Increasingly Influential and Defined Discipline of Its Own

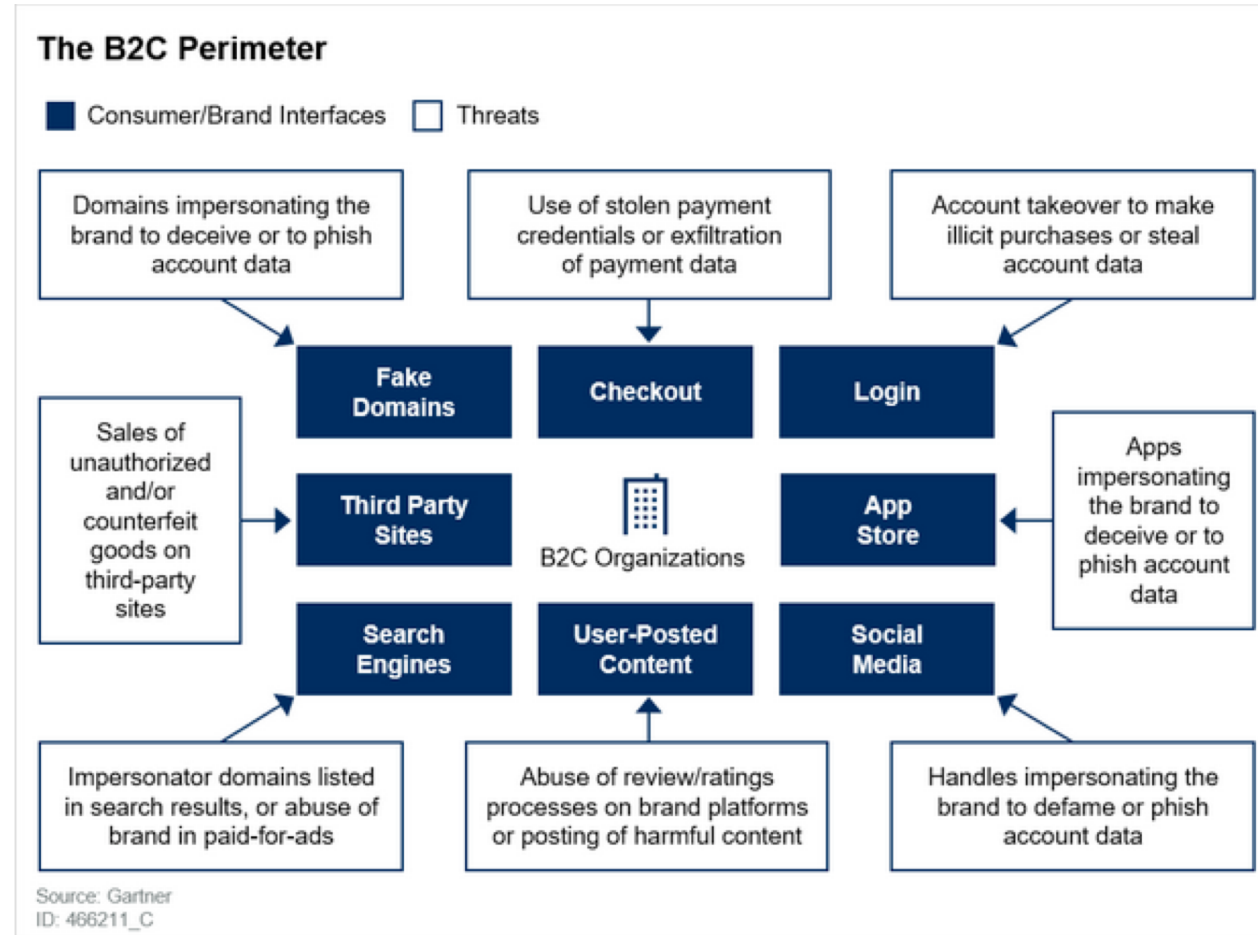


# Trend No. 5: Privacy Is Becoming an Increasingly Influential and Defined Discipline of Its Own

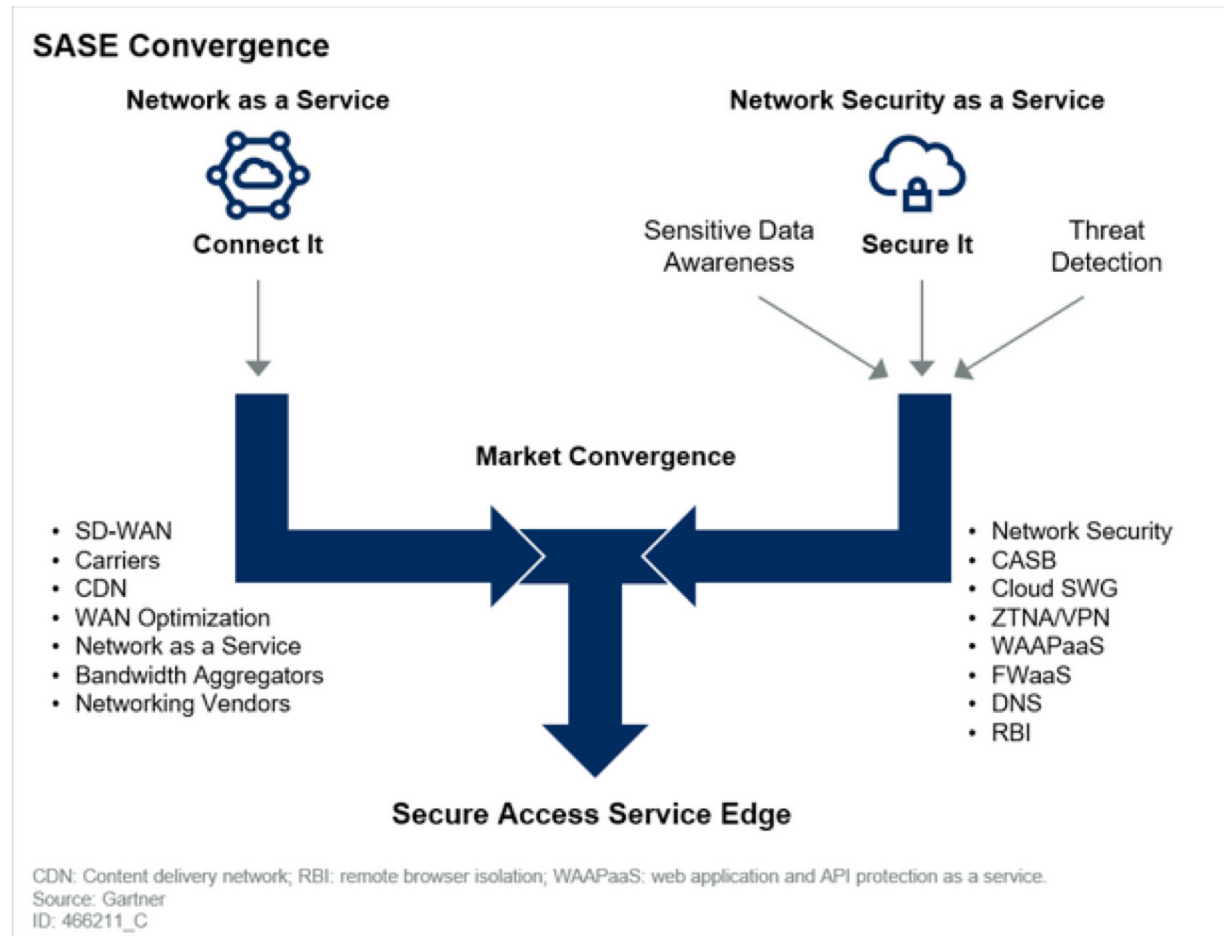




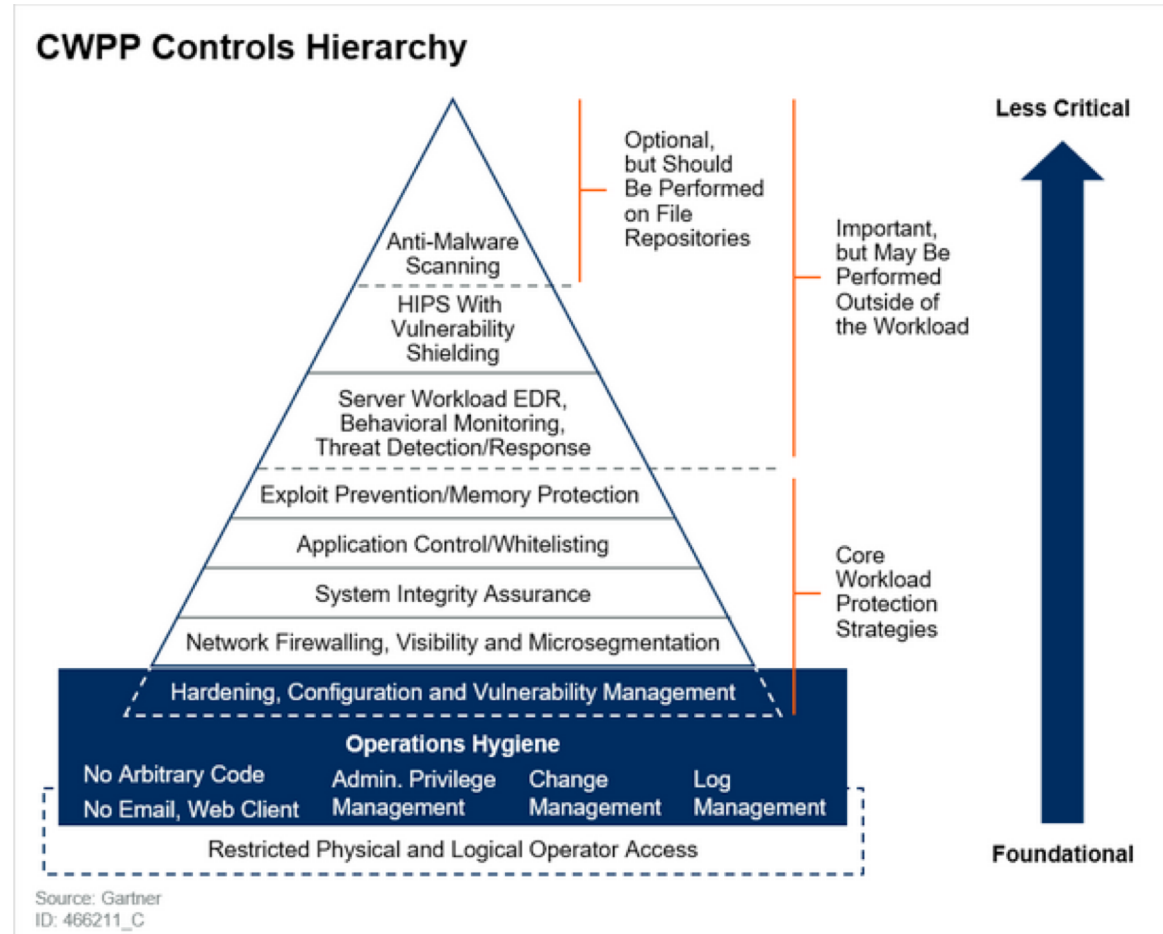
# Trend No. 6: Organizations Are Creating a Digital Trust and Safety Team to Maintain the Integrity of Interactions Wherever the Consumer Meets the Brand



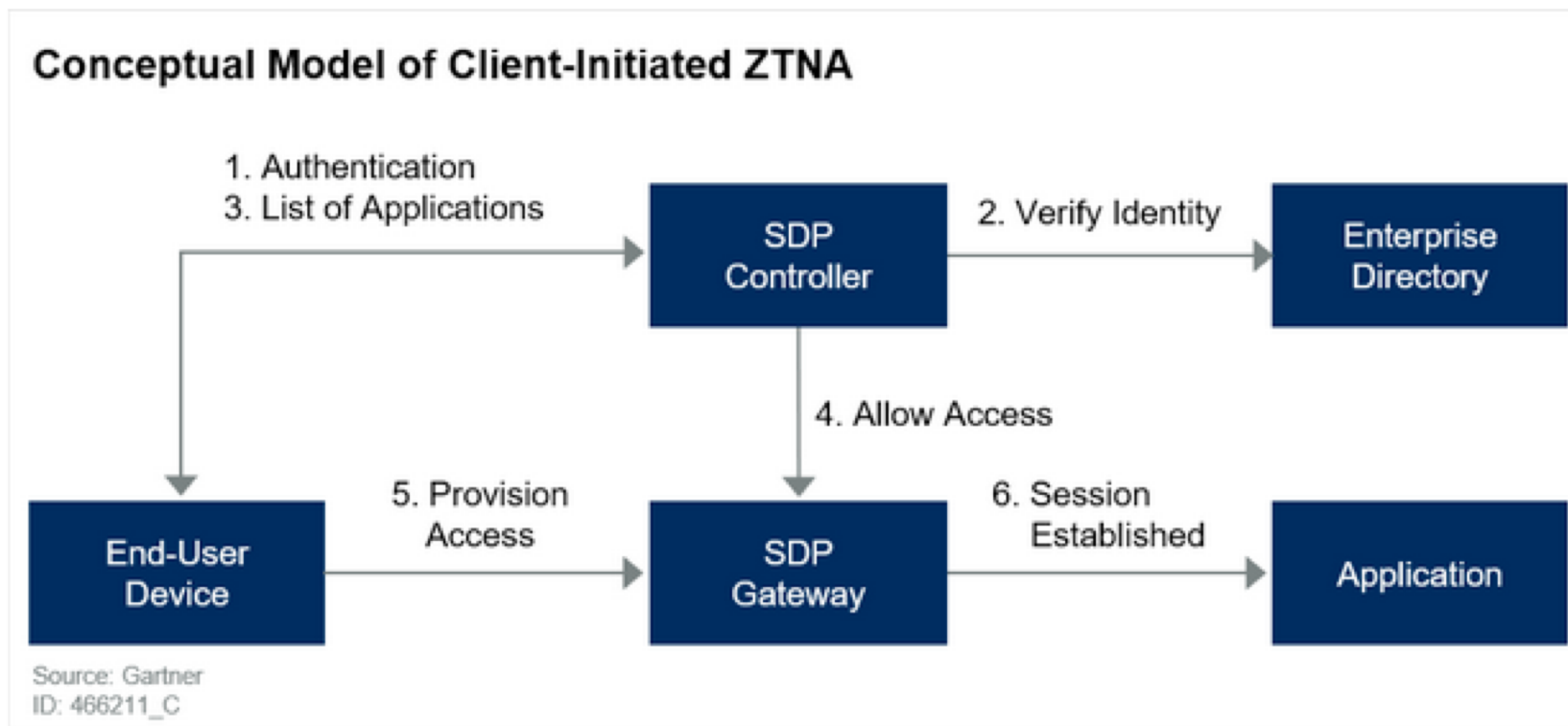
# Trend No. 7: Network Security Is Transforming From an Appliance Model to a Cloud-Based Model Known as SASE That Combines Network Security Functions With Comprehensive WAN Capabilities



# Trend No. 8: A Full Life Cycle Approach Is Emerging for Protection of the Dynamic Requirements of Cloud-Native Applications



# Trend No. 9: Zero Trust Network Access Technology Is Beginning to Replace VPNs



# Recommendations

- Seek security solution providers that can enable an XDR capability that improves detection accuracy and security operations efficiency.
- Break down functional security silos with organizational alignment and governance models.
- Invest in people, process and organizational change to address the expanding role of security into privacy, digital trust and safety that arise from the digitalization of business.
- Rethink network and server security priorities and invest in solutions that are truly designed for cloud first and zero trust.
- Ensure that digital business ML projects are protected from malicious tampering and biases and continue to invest in security solutions with an ML focus on measurable improvements in effectiveness and security operations efficiency.

# Thank You for Attending Enjoy the Conference

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