

2025 Technology Adoption Roadmap for Security and Risk Management

This infographic identifies 45 security-related technologies being adopted by global enterprises and maps them according to adoption phase, deployment risk and enterprise value. Security and risk management leaders can use this infographic to compare their technology investments with their peers’.

Enterprise value

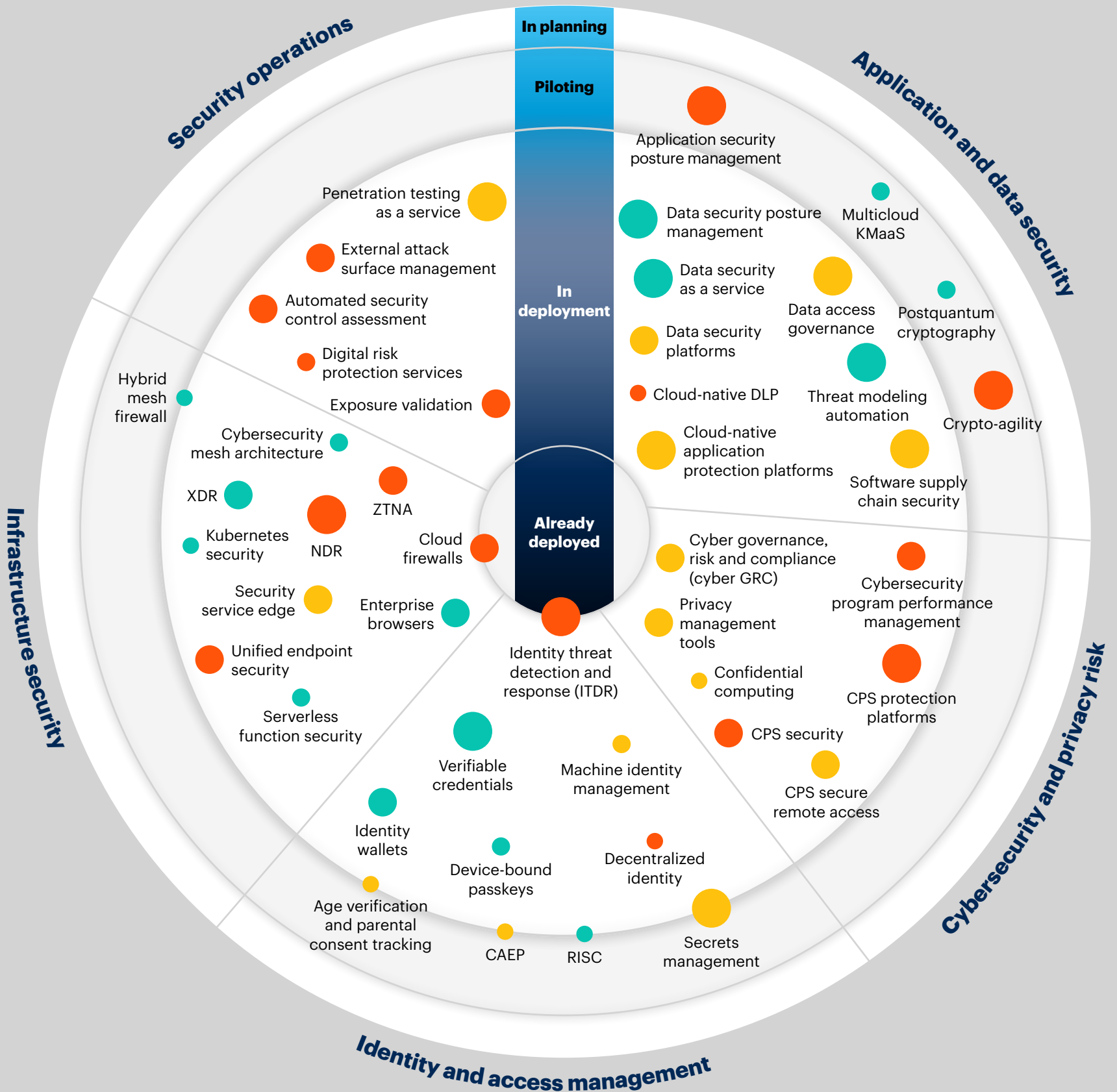
The value factor awarded to each technology is based on the analysis of value drivers, including increased cost-efficiency, improved speed and agility, enabled resilience, enhanced employee productivity and delivery of superior capabilities to consumers.

Deployment risk

The risk factor awarded to each technology is based on the analysis of potential risks posed, including talent unavailability, high or unpredictable costs, cybersecurity risk, technical incompatibility or architecture complexity, and inability to switch providers due to vendor lock-in.

Adoption phase

The adoption phase is determined by the current deployment plans for a majority of organizations. Technologies placed on the border between phases are on the cusp of moving into the next deployment phase.



Actionable, objective insight

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n = 107 cybersecurity leaders

Source: Gartner Technology Adoption Roadmap for Large Enterprises for 2025 Survey

Note: CAEP = Continuous Access Evaluation Protocol; CPS = cyber-physical system; DLP = data loss prevention; NDR = network detection and response; KMaaS = key management as a service; RISC = risk and incident sharing and coordination; XDR = extended detection and response; ZTNA = zero-trust network access