A Framework for Industry-Aligned Data Security and Privacy

Ulysses Demos, CX Security Architect

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Hybrid has expanded the attack surface

"62% of companies say security incidents impacted business operations."
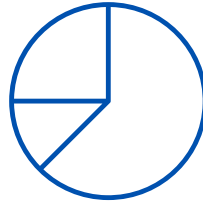
Source: Cisco Secure Security Outcomes Report, Volume 3: Achieving Security Resilience, December 2022
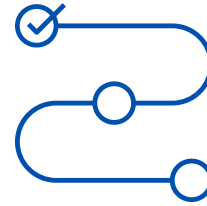
Secure Architecture Framework

Convergence of networking and security

Data security   +   Data privacy   +   Traceability
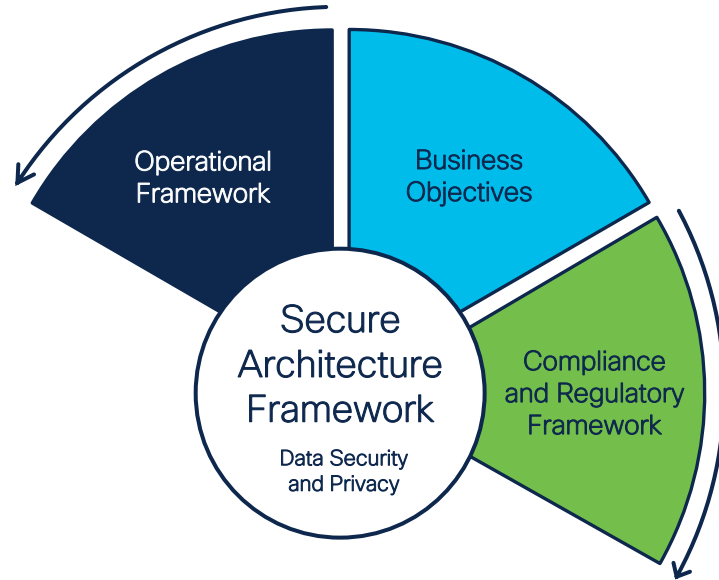
Cisco Secure Architecture Framework

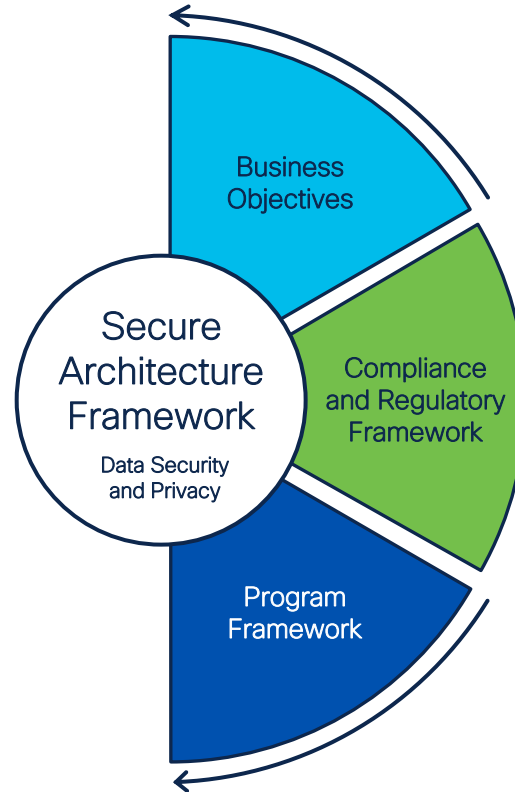Industry standards – aligned cybersecurity and privacy program

Quantifies business objectives and key results

Business objectives framework defines quantifiable metrics
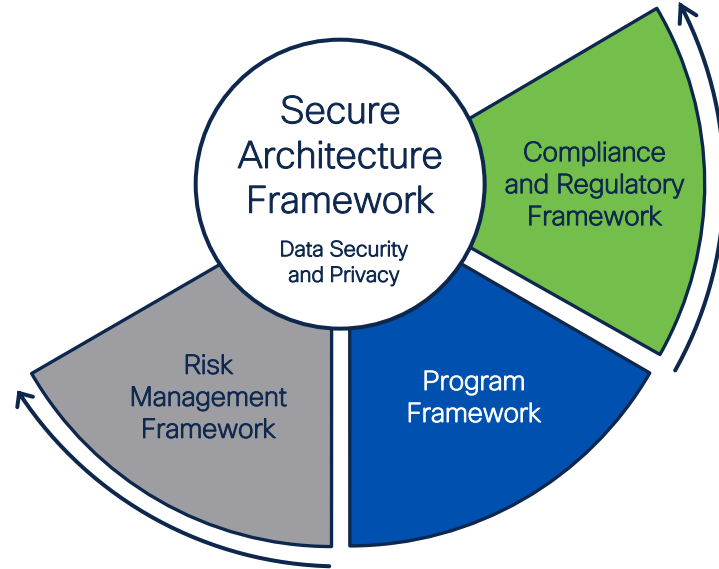
Compliance

Compliance and regulatory framework aligns to regulations and law
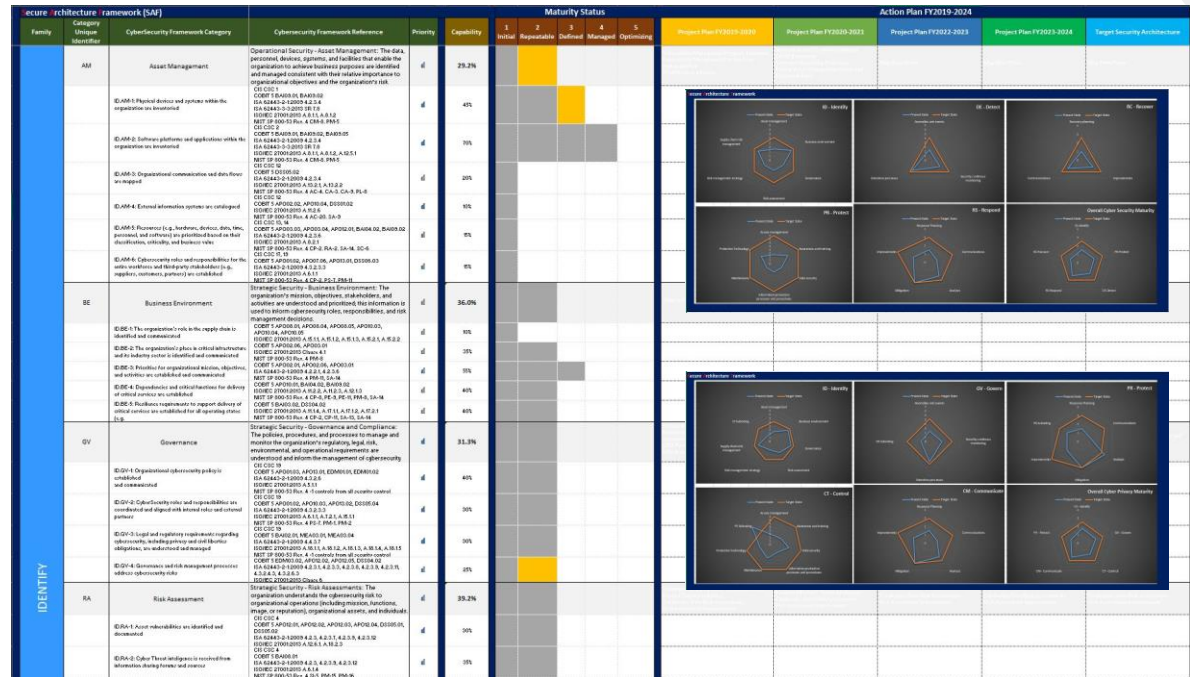
Security roadmap

Program framework
aligns initiatives with
risk, regulations, and
operational and
business objectives

Security roadmap

Program framework
Fiscal year planning towards a target solution with quantifiable measurements and prioritizations

Understanding and managing risk

Risk Management framework assets in the context of stated mission and business criteria
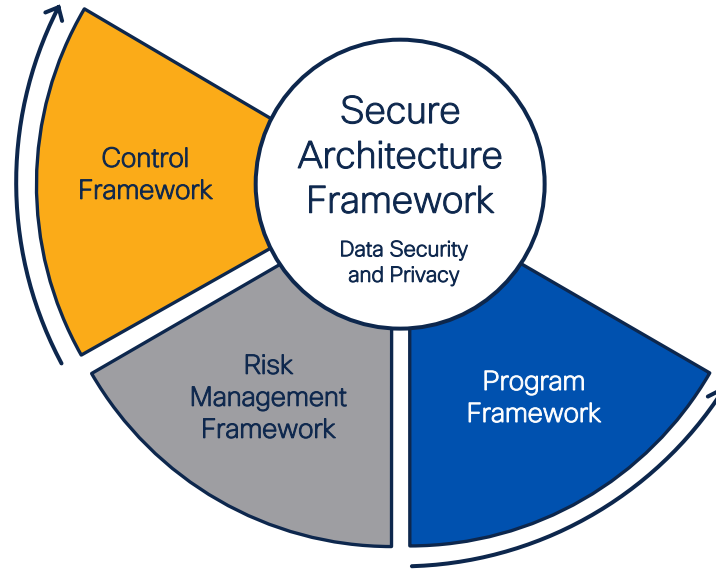
Document and define security controls

Control framework used to reduce or mitigate the risk

Operational Framework

Control Framework

Secure Architecture Framework

Data Security and Privacy

Risk Management Framework
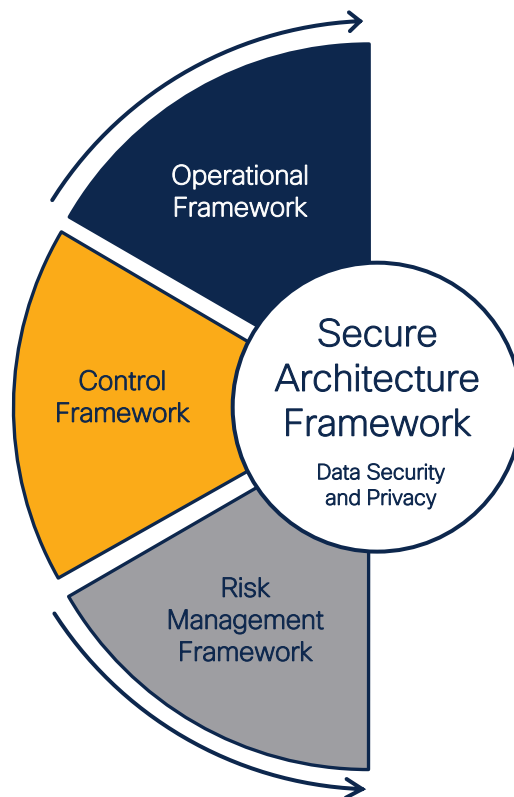
Right level of security capability and maturity

Operational framework to verify business success and value

Operational Framework

Business Objectives

Control Framework

Secure Architecture Framework

Data Security and Privacy
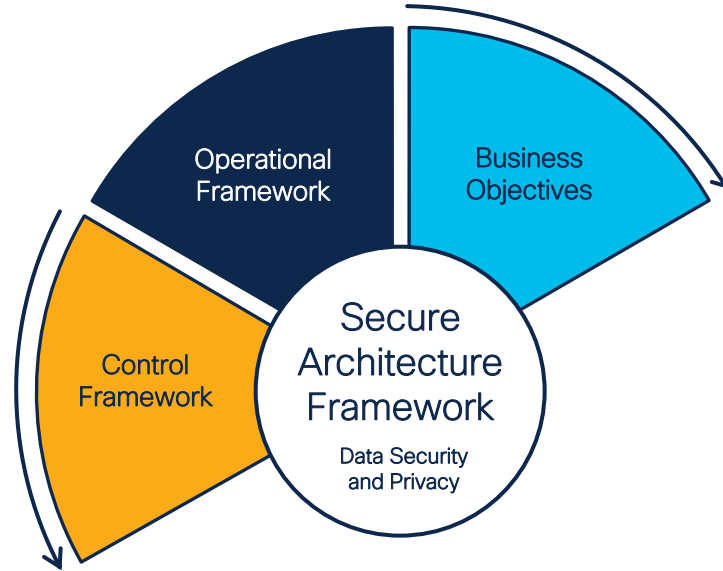
Smart Sustainable Cities

Healthcare

Hybrid Work

Sustainability

FS/Banks

Operational Framework

Business Objectives

Control Framework

Secure Architecture Framework

Data Security and Privacy

Compliance and Regulatory Framework

Utilities

Manufacturing

Education

Retail

Risk Management Framework

Program Framework

Government

IoT

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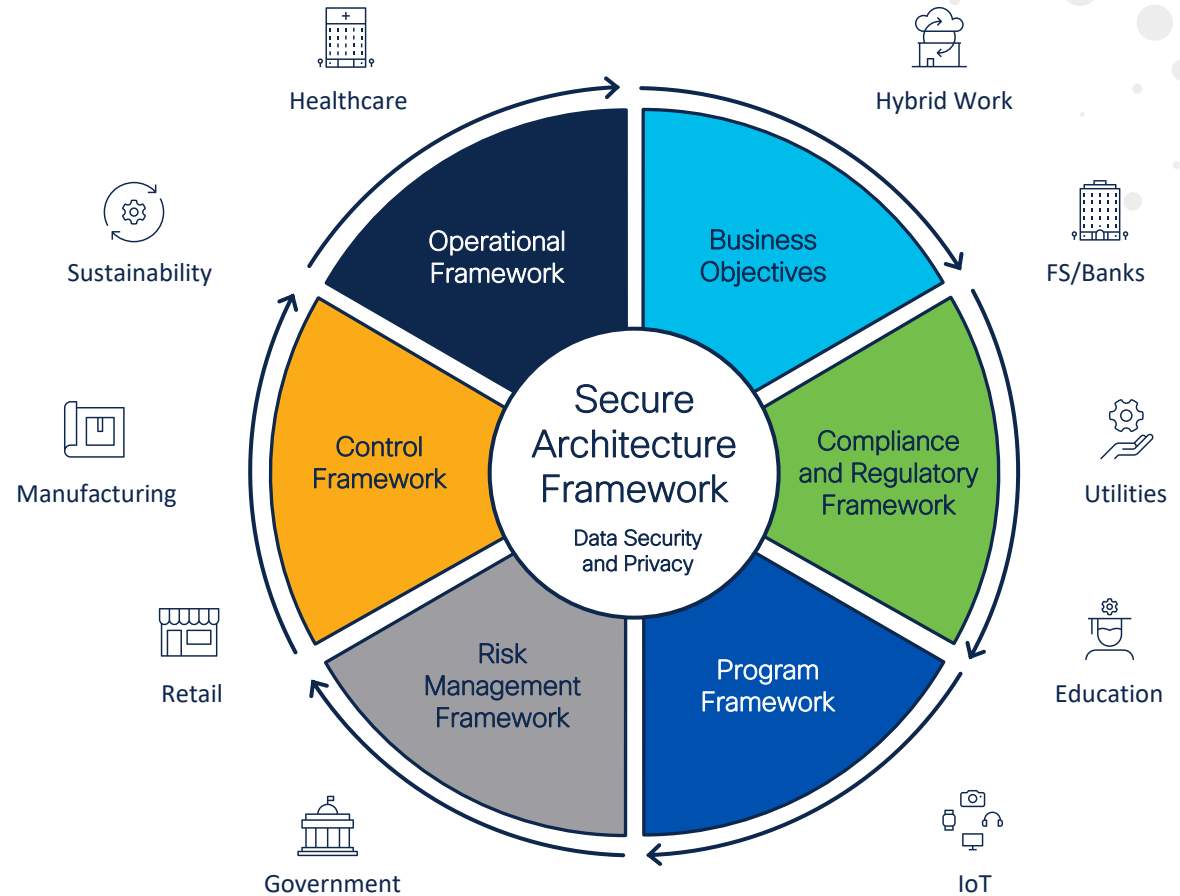
Crack the code to cybersecurity resilience with Cisco Secure Architecture Framework

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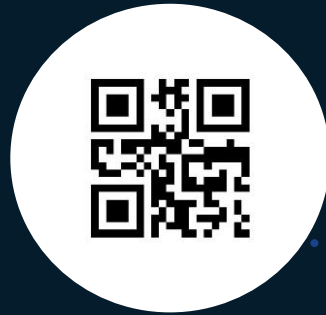https://www.ciscolive.com/emea/learn/sessions/session-catalog.html

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