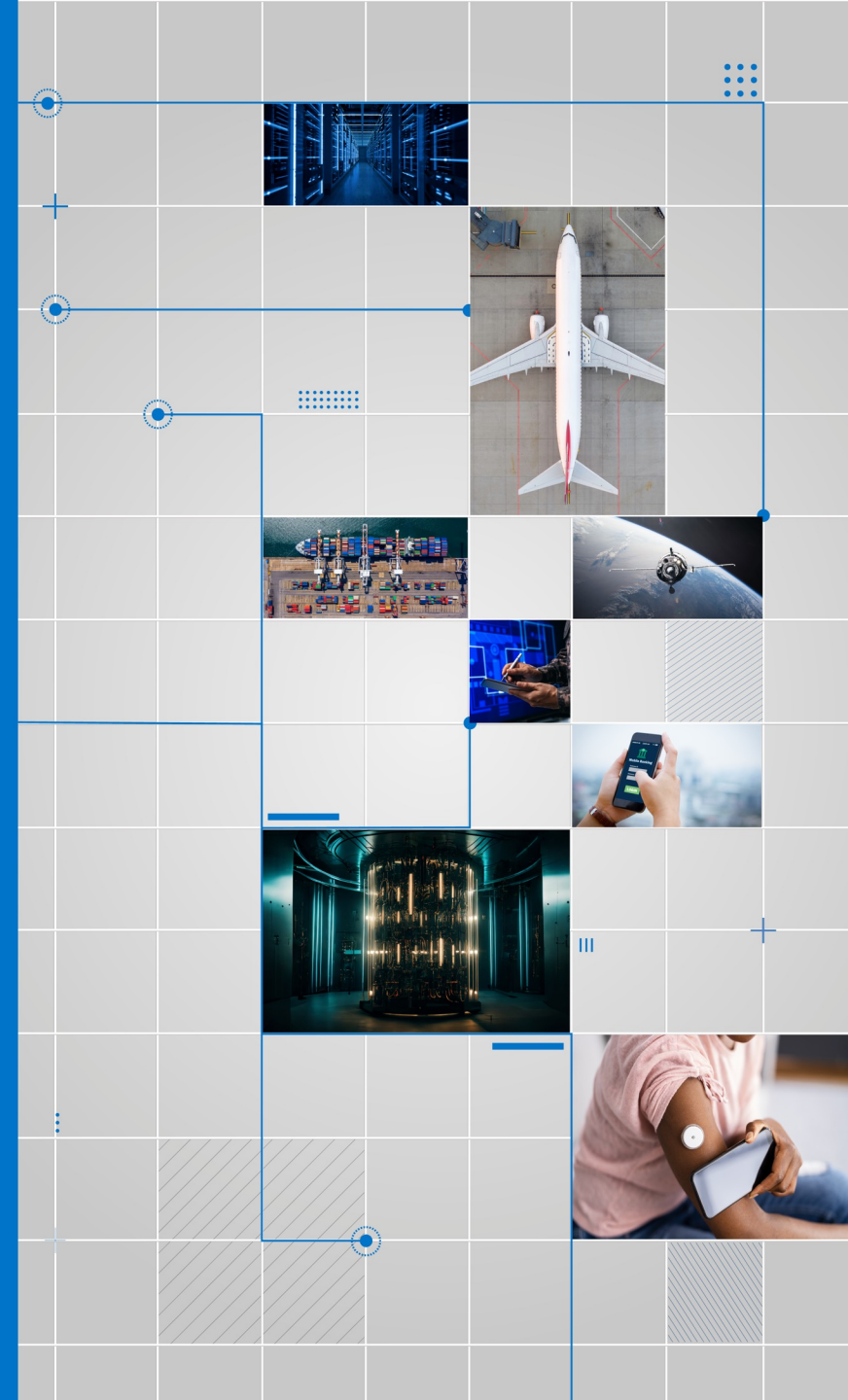


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# TRUST SUMMIT ROAD SHOW

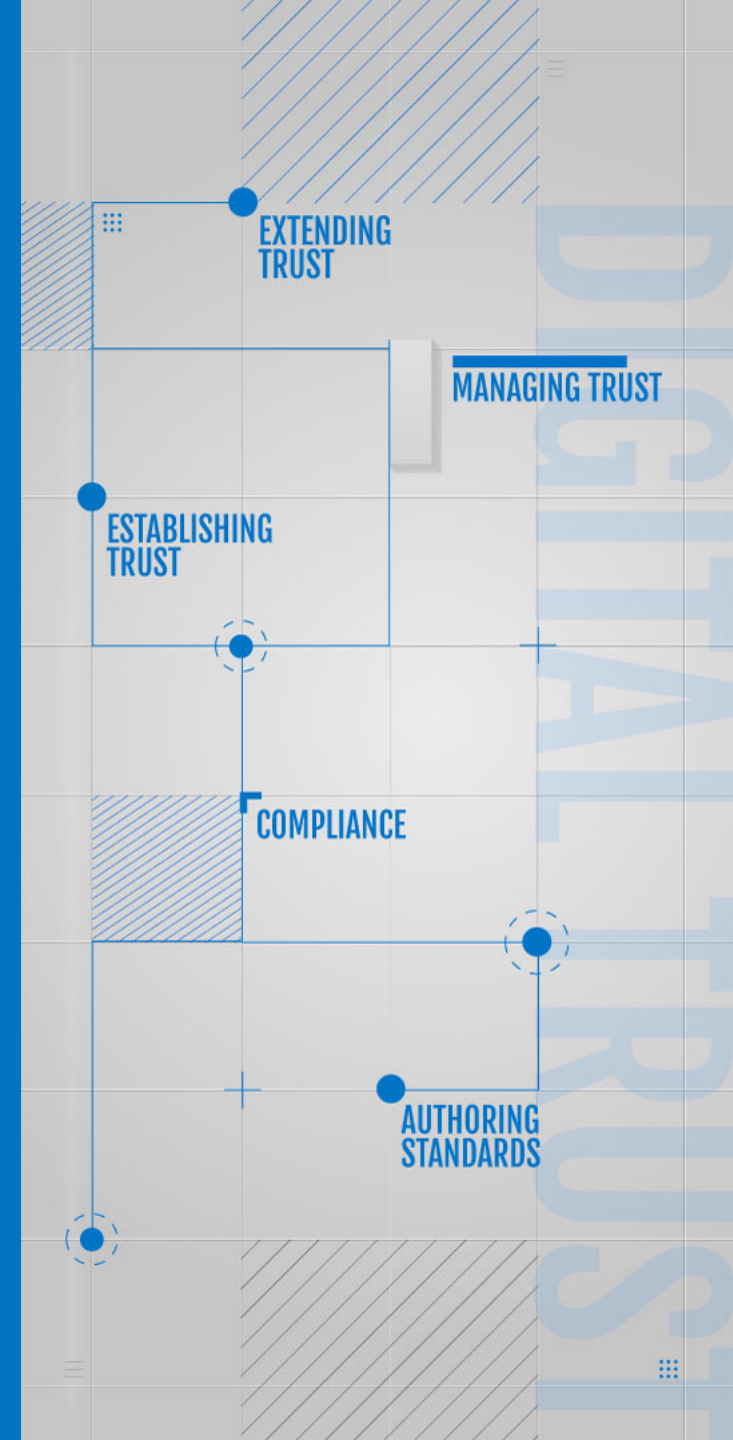


# DEVICE TRUST: PRODUCT SECURITY IN THE QUANTUM AGE

Trust Summit Roadshow 2024

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# IoT ADOPTION IS EXPONENTIALLY GROWING

“Global IoT connections grew by 18% in 2022 to 14.3 billion active IoT endpoints”

-IoT Business News

“Security Concerns: Ensuring secure data exchange between devices while maintaining interoperability is a complex challenge, given the varying security protocols and standards.”

**IoT**  
BUSINESS

[IOT NEWS BY CATEGORY](#) [IOT INSIGHTS](#) [IOT EXPLAINED](#)

[X](#) [f](#) [in](#) [✉](#) [🖨](#)

# THE IMPORTANCE OF DEVICE TRUST

Potential financial damages, data loss, regulatory violation, or loss of customer trust

## Consumer IoT



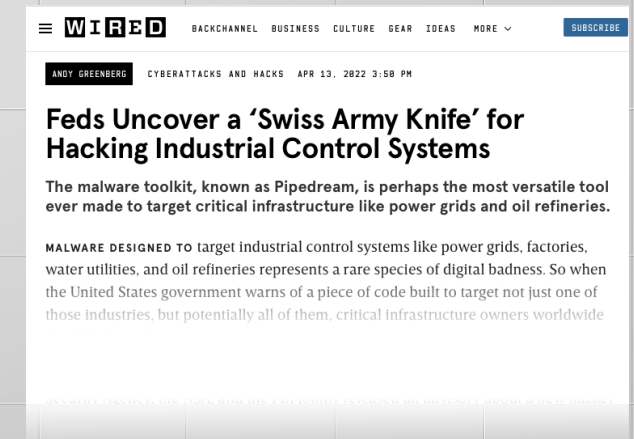
195% ↑ in devices  
by 2030

## Healthcare IoT



20.4% ↑ in IoMT  
ANNUALLY

## Industrial IoT



\$1.7 TRILLION  
by 2030

# REGULATIONS ARE DRIVING SECURITY

## Device Cybersecurity Regulations

EU  
Cybersecurity  
Act

California  
Consumer  
Privacy Act  
(CCPA)

EU General Data  
Protection  
Regulation  
(GDPR)

ENISA IoT  
Security  
Standards

IoT  
Cybersecurity  
Improvement  
Act of 2020

Proposed/Pending

EU Cyber  
Resilience Act

EU Executive  
Order 14028

US Cyber Trust  
Mark Labeling  
Program

Federal Exchange  
Data Breach  
Notification Act

EU NIS Directive 2

## Industry-Specific Focused Device Regulation

FDA Cybersecurity  
Guidelines for  
Medical Devices

Federal Motor  
Vehicle Safety  
Standards (FMVSS)

The IoT  
Cybersecurity Guide  
(Singapore)

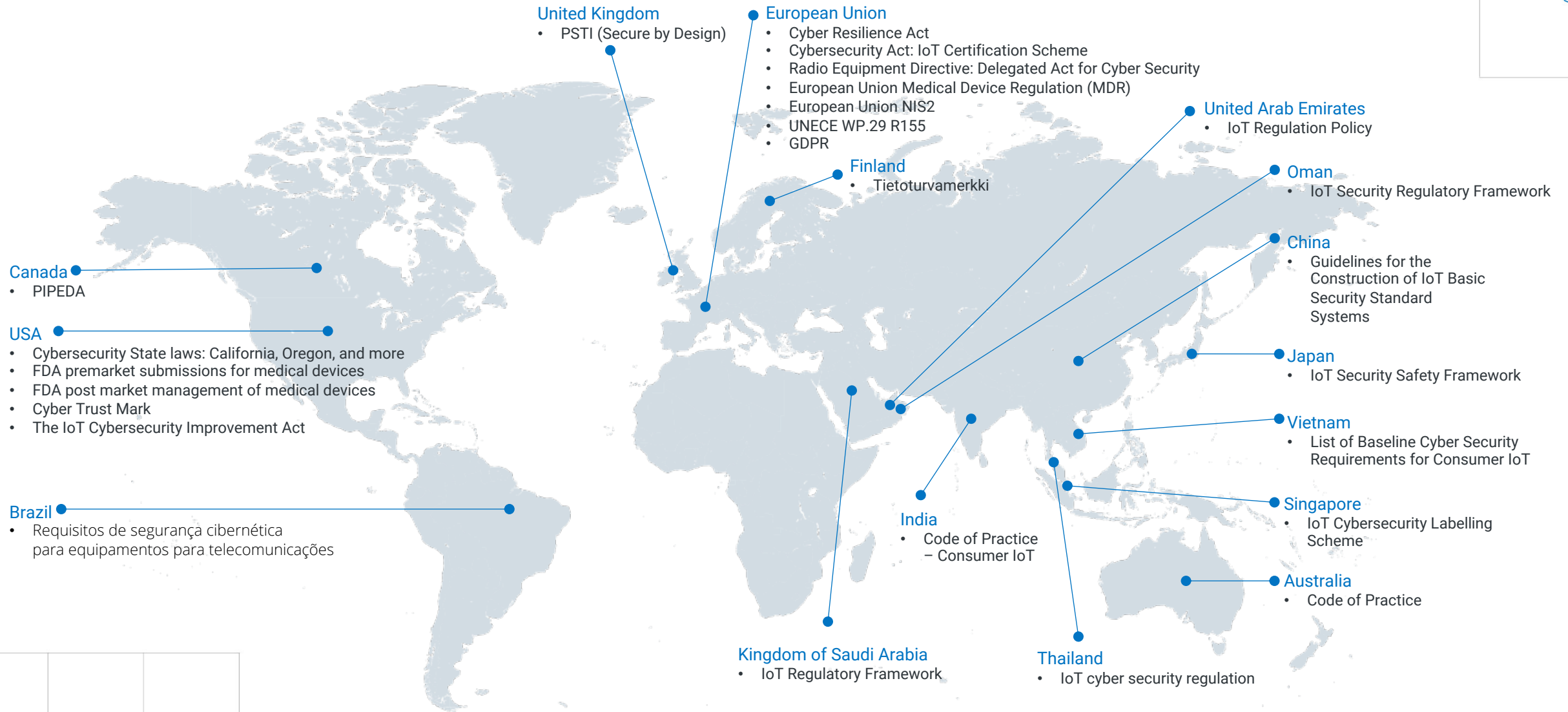
Energy  
Independence and  
Security Act (EISA)

21<sup>st</sup> Century  
Cures Act

CSA Matter



# A COMPLEX GLOBAL REGULATORY MAP



# CREATION TO CESSATION – DEVICE LIFECYCLES

From factory floors to final off-switch, securing devices regardless of where they start or end their journey

Regulatory Compliance

Supply Chain

International Standards

## LIFECYCLE STAGES

**DESIGN**  
Device



**DEVELOP**  
Software



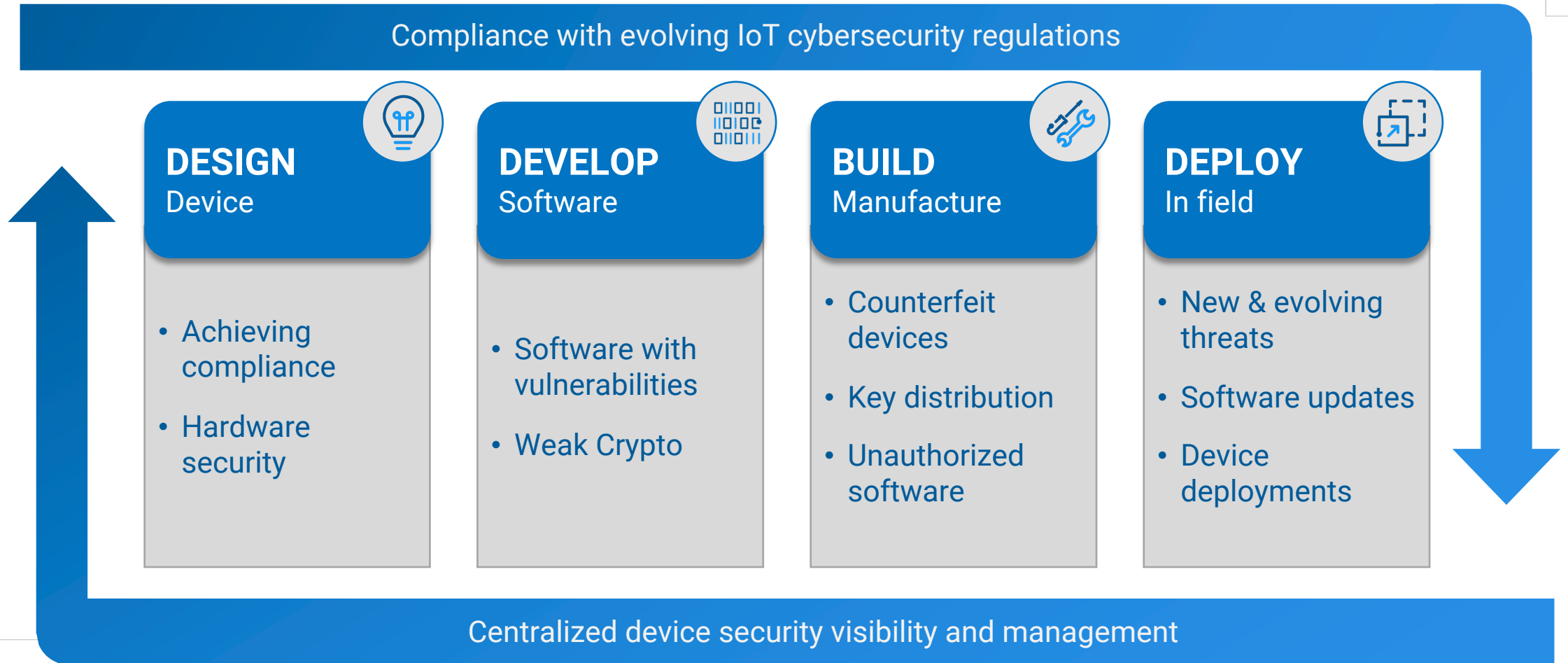
**BUILD**  
Manufacture



**DEPLOY**  
In Field

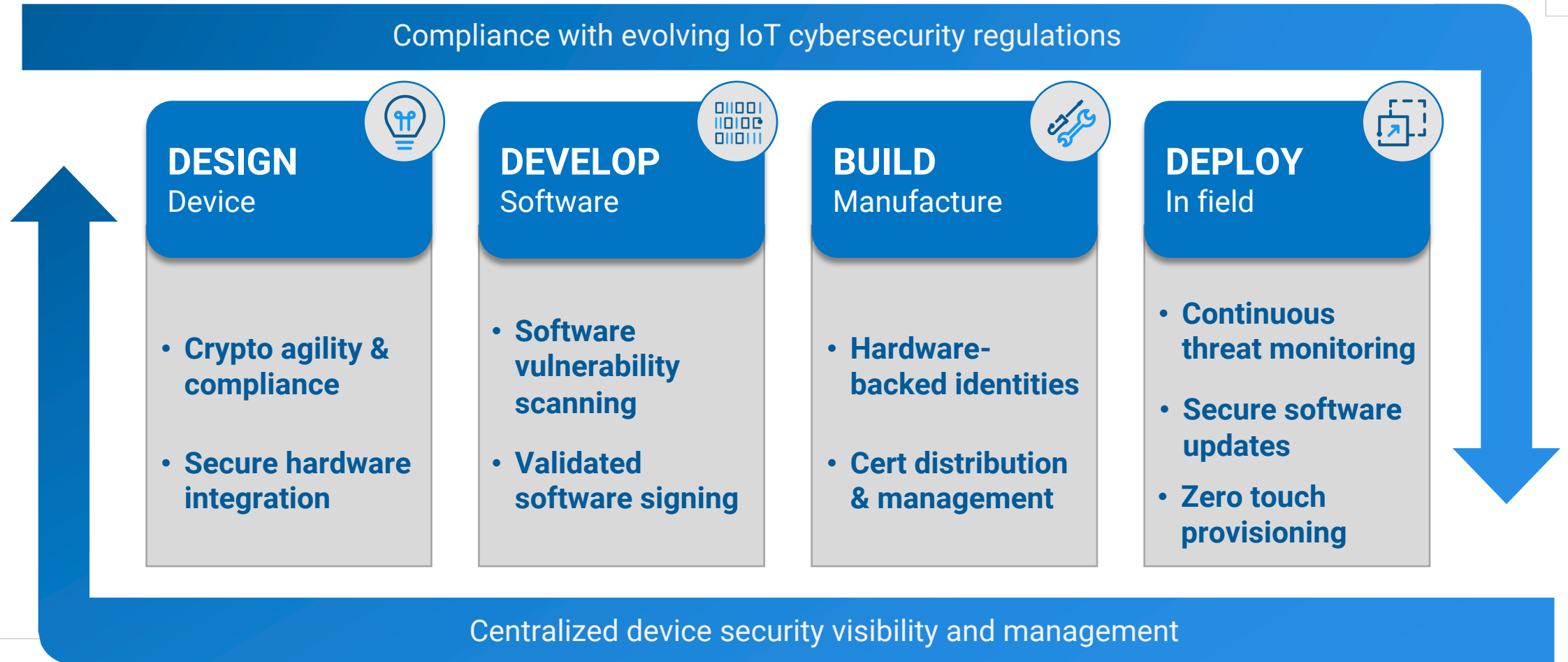


# CHALLENGES FOR DEVICE MANUFACTURERS





# BEST PRACTICES FOR PRODUCT SECURITY



# HEALTHCARE & IoMT – REGULATORY, OPERATIONS, AND CONSISTENCY

## Challenge:

- Global silos
- Rising operational costs
- Regulatory navigation

## Solution:

- Centralized security governance
- Cross-department collaboration

## Impact:

- Corporate philosophy alignment
- Financial and compliance gains
- Enhanced care recipient well-being

## Trigger:

- CPSO initiative to consolidate technology, improve security, reduce technical debt.



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# THE EVOLUTION OF DEVICE TRUST

## Device Trust

Announcing May '24

### Device Trust Manager

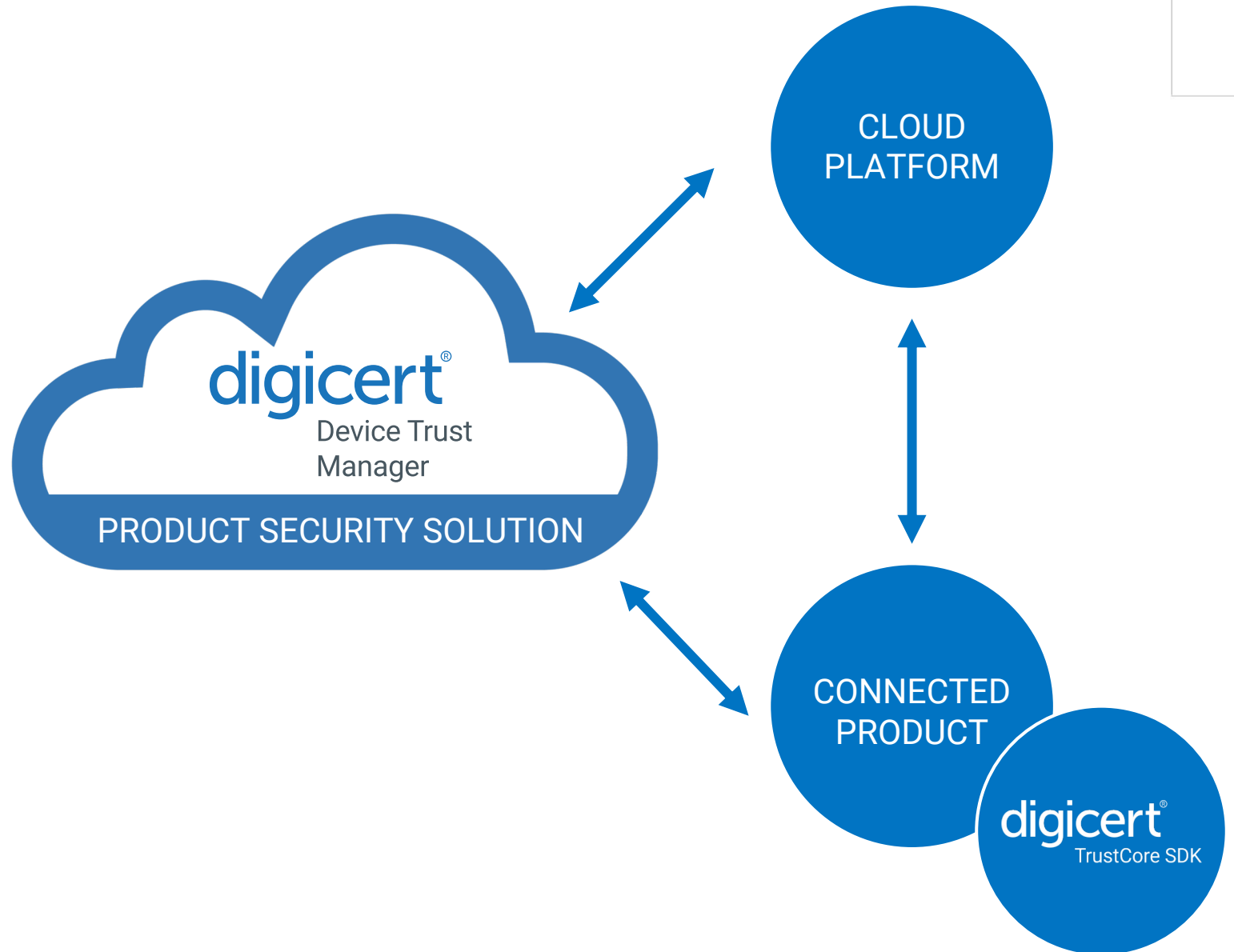
A comprehensive security platform for end-to-end protection of IoT products.

### TrustCore SDK

A toolkit for IoT device security, enabling developers to incorporate security directly into the device.

# DEVICES IN THE TRUSTED IOT ECOSYSTEM

- CRYPTO AGILITY & COMPLIANCE
- SECURE HARDWARE INTEGRATION
- SOFTWARE VULNERABILITY SCANNING
- VALIDATED SOFTWARE SIGNING
- HARDWARE-BACKED IDENTITIES
- CERT DISTRIBUTION & MANAGEMENT
- CONTINUOUS THREAT MONITORING
- SECURE SOFTWARE UPDATES
- ZERO TOUCH PROVISIONING



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