Future Proofing the Internet of Things

IoT Security Today and Tomorrow
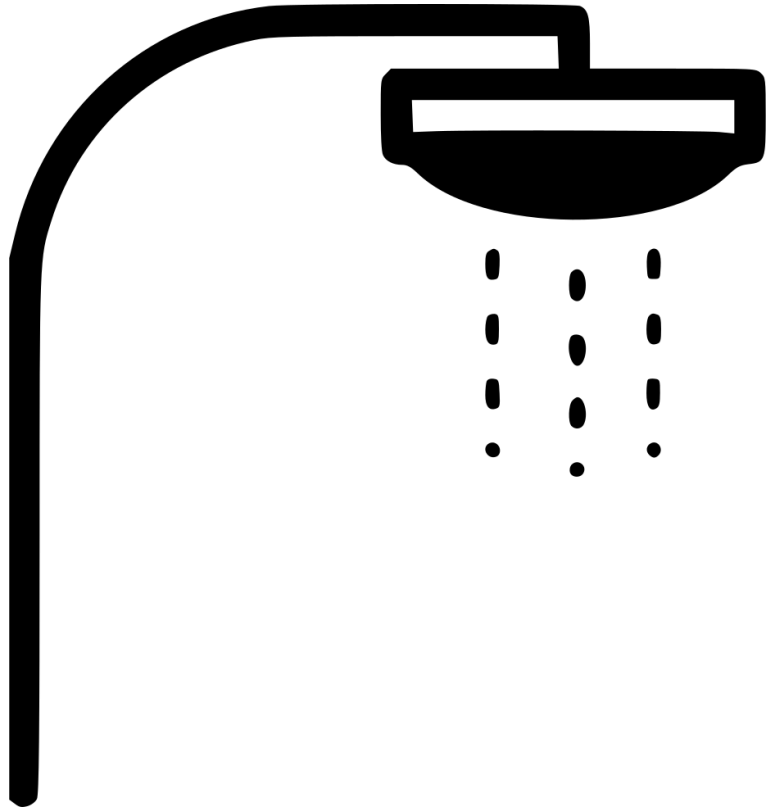
IoT Security seminar, MWC 19 Barcelona

Bharadwaj Pulugundla, MBA

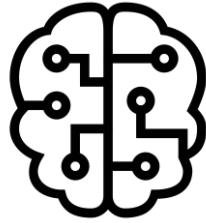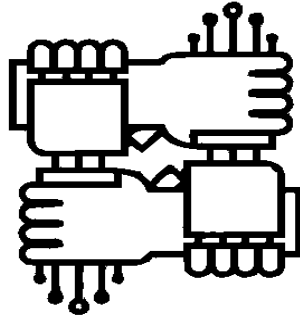**Manager IoT Strategy & Innovation**

Verizon Enterprise Solutions
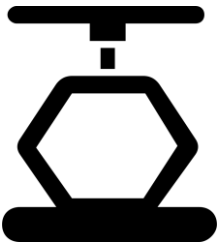
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Context of Internet of Things

Drones

AI

Robots

3D Printing

AR/VR

5qn of data produced daily (CISCO)

75.44bn devices by 2025*

$1.1tn Revenue opportunity by 2025 (GSMA)

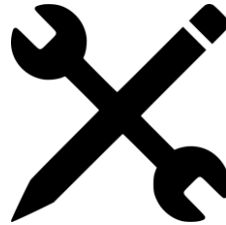**verizon**✓

Top Threats

Ransomware
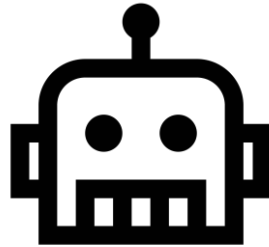
Botnet

Lack of Skills

DDoS

Data Breach

39% ransomware attacks
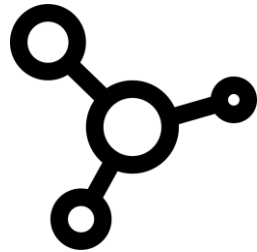
76% of breaches for financial reasons

$3.1bn IoT security Market by 2021 (Gartner)

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Establishing the Chain of Trust
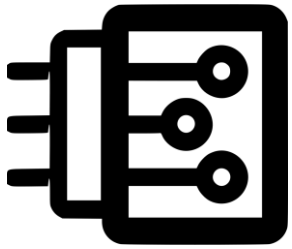
Device   **Network**   **Platform**   **Application**   **Data**   **Transaction**
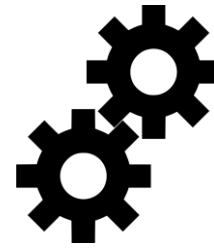
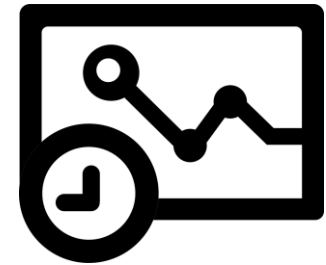verizon✓

Deploying Security

**Identify
critical assets**

**Know threat
Landscape**

**Design
Security Controls**
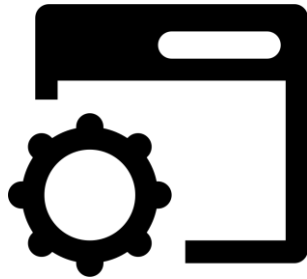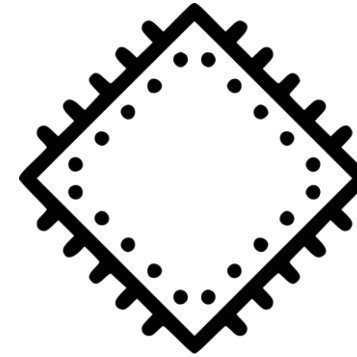
**Real-time
Monitoring**

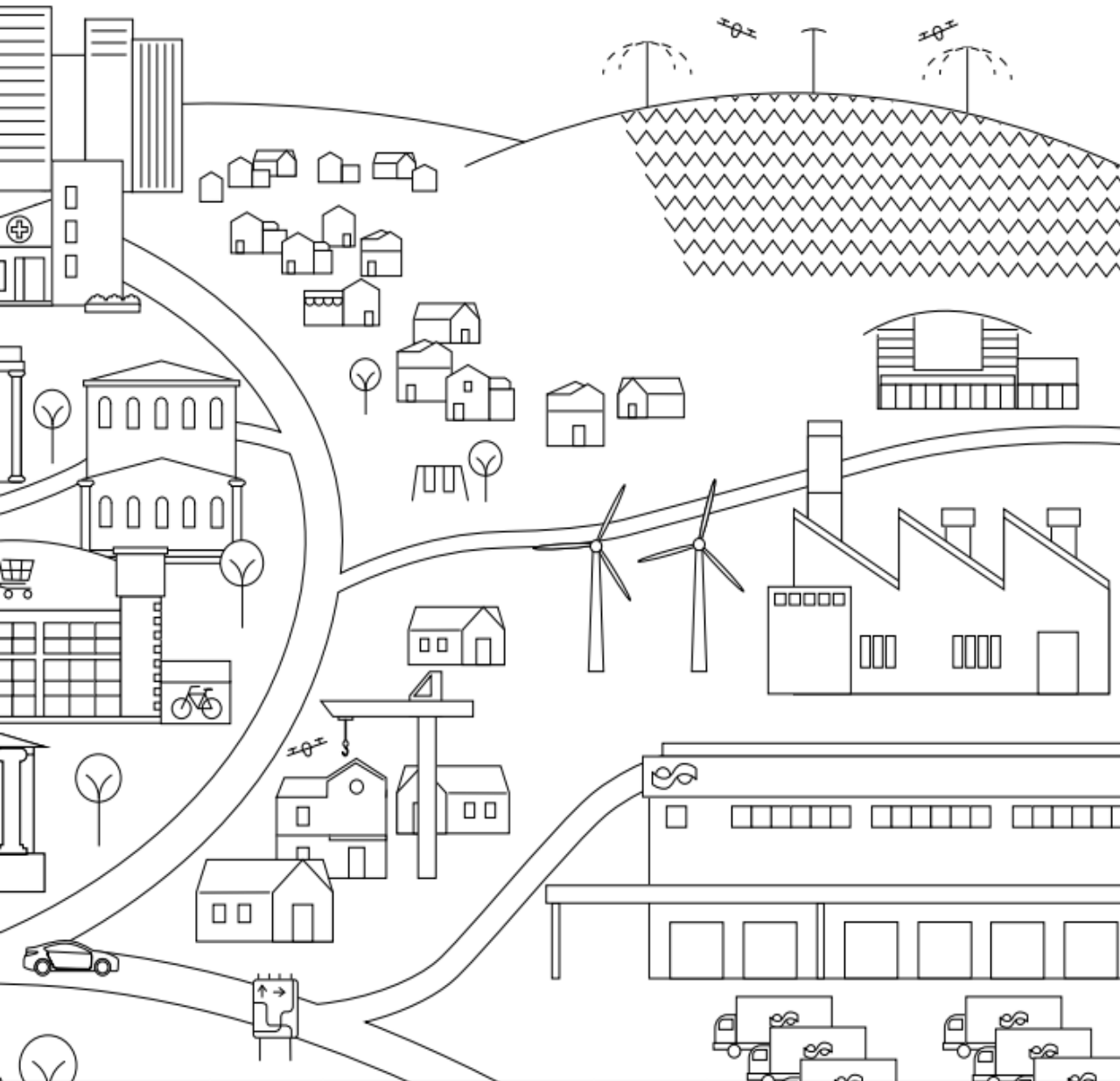verizon✓

Wrap – Up

Unknown Hardware

Update OS

Change Password

Patch Devices

Get Certified

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