How IOT enables digital value in industry 4.0

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Industry Transformation
From Silos to an ecosystem of ecosystems

M2M

Vertical Silos
Technology Focus
Single-Purpose

IoT

Business Models
Processes
Infrastructure

Cross-Industry
Business Focus
Multi-Purpose
Building the technology platform

<table>
<thead>
<tr>
<th>Things</th>
<th>Network</th>
<th>Connectivity platform</th>
<th>Application platform</th>
<th>Data center &amp; Apps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Things with e.g. SW and sensors that measure the surrounding</td>
<td>Either wireless or wired connectivity that connects ‘Things’ to platforms and data centers</td>
<td>Connected device platform managing connectivity for ‘Things’</td>
<td>Application enablement platform for Apps utilizing ‘Thing’ data</td>
<td>Applications developed on top of the application platform</td>
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</tbody>
</table>

- **Digitization of the assets and things**
- **Embedded Software**
- **Near field**
  - Long Range Low Po
  - 2/3/4/5G
- **M2M Device Connectivity Platform**
- **B2C Customer experience**
- **B2B Decision Support Ecosystem/Data**
- **Digital Giants**
  - AWS, Azure, Google
How Ericsson help to speed up transformation

Industry specific solutions

- Telecom
- Utilities
- Automotive
- ITS
- Maritime
- Public Safety

ERICSSON IoT ACCELERATOR

- MARKETPLACE & ECOSYSTEM ENABLEMENT
- ORCHESTRATION, INTEGRATION & AUTOMATION
- DEVICE & DATA MANAGEMENT
- CONNECTIVITY MANAGEMENT

Professional Services

- Consulting
- SI
- Customization
- Migration
- Device & App Verification
- App Dev & Maintenance
- Operation & Field Service

CLOUD

- On Premise
- Private
- Public

NETWORK CONNECTIVITY

- Cellular IoT
- Non-Cellular IoT
- 5G Core System

DEVICES

- SDK Integration
How Ericsson Participates in IOT Today

- MASSIVE MONITORING
- REMOTE OPERATIONS AND ROBOTS
- ASSET MANAGEMENT AND TRACKING
- INFRASTRUCTURE MONITOR AND CONTROL
Illustrated industry 4.0 use case
“The screwdriver story”
IoT Use cases in Connected Factory

- Warehouse Monitoring
- Production Line Monitoring
- Package & Material Tracking
- Tool Maintenance