

# Realizing Your Smart Cities Vision with Hexagon's Autonomous Connected Ecosystem

Hexagon

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Security Level:





An aerial view of a city at sunset, with a network of glowing nodes and arcs overlaid on the sky. The image is framed by large blue chevron shapes on the left and right sides.

# THE BIG SHIFT

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# DIGITAL TRANSFORMATION

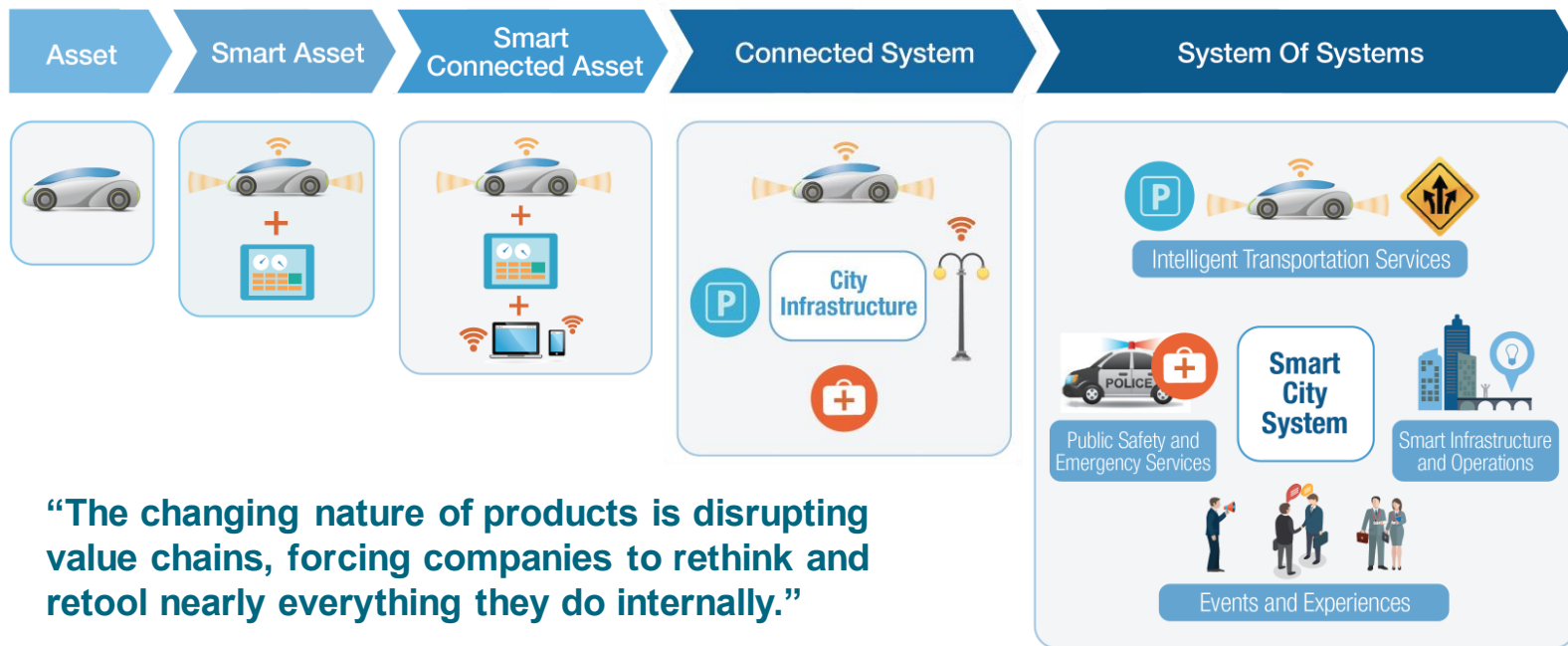


# IT'S ABOUT CONNECTIONS

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**“The changing nature of products is disrupting value chains, forcing companies to rethink and retool nearly everything they do internally.”**

– Professor Michael Porter / Jim Heppelmann  
Harvard Business Review, November 2014

Source: Adapted from Harvard Business Review, "How Smart, Connected Products Are Transforming Competition," by Michael E. Porter and James E. Heppelmann, November 2014

# WHAT'S AT STAKE



# AUTONOMOUS CONNECTED ECOSYSTEMS

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DIGITAL FIRST & DATA DRIVEN

ABSOLUTELY CONNECTED

INNATELY INTELLIGENT

DIGITAL FIRST & DATA DRIVEN

**ABSOLUTELY CONNECTED**

INNATELY INTELLIGENT





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## Xalt Technologies

## Applied Capabilities

## ACE

AI Laser Mathematical Modeling

Data Science Reality Computing AR

### Innovation Hub

Video Analytics Optics Imaging

Deep Learning Multi-Physics

Industrial Design

Utility Operations

Positioning

Computer-Aided Engineering

CAD / CAM

City Dashboards

### Divisions

CIP Security

5D Maps

Dispatch

Digital City

Reality Capture

Public Safety Analytics

Disaster Management

Quality Assurance

SMART Farms & Mines

SMART Construction  
Sites & Plants

SMART Factories

SMART Cities

SMART  
Autonomous Fleets

Transportation  
Safety  
Manufacturing  
Agriculture  
Construction

## COMPLEX, REAL-WORLD PROBLEMS

Automotive  
Aerospace  
Resources | Cities  
Emergency  
Energy

Sensors  
Workflows

REAL  
WORLD

CONVERGENCE  
Domains | Organisations

DIGITAL  
WORLD

Digital Realities

Virtual Reality | IOT  
In-Memory Computing  
Big Data Sensor Fusion  
Augmented Reality  
Streaming

## COMPLEX, ENABLING TECHNOLOGIES

Cloud | Mixed Reality  
Deep Learning  
Wearables  
Edge Computing  
Virtualization  
Miniaturization





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# SMART DIGITAL REALITY

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# Thank you.

把数字世界带入每个人、每个家庭、  
每个组织，构建万物互联的智能世界。

Bring digital to every person, home, and  
organization for a fully connected,  
intelligent world.

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