Delivering Value With Social Innovation Today

Hitachi Social Innovation Forum
Sydney

Tony Field

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Hitachi Data Systems

1st December 2016

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The World Is Changing

….. and so is Australia

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The Next Revolution Has Started

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The New IoT Ecosystem

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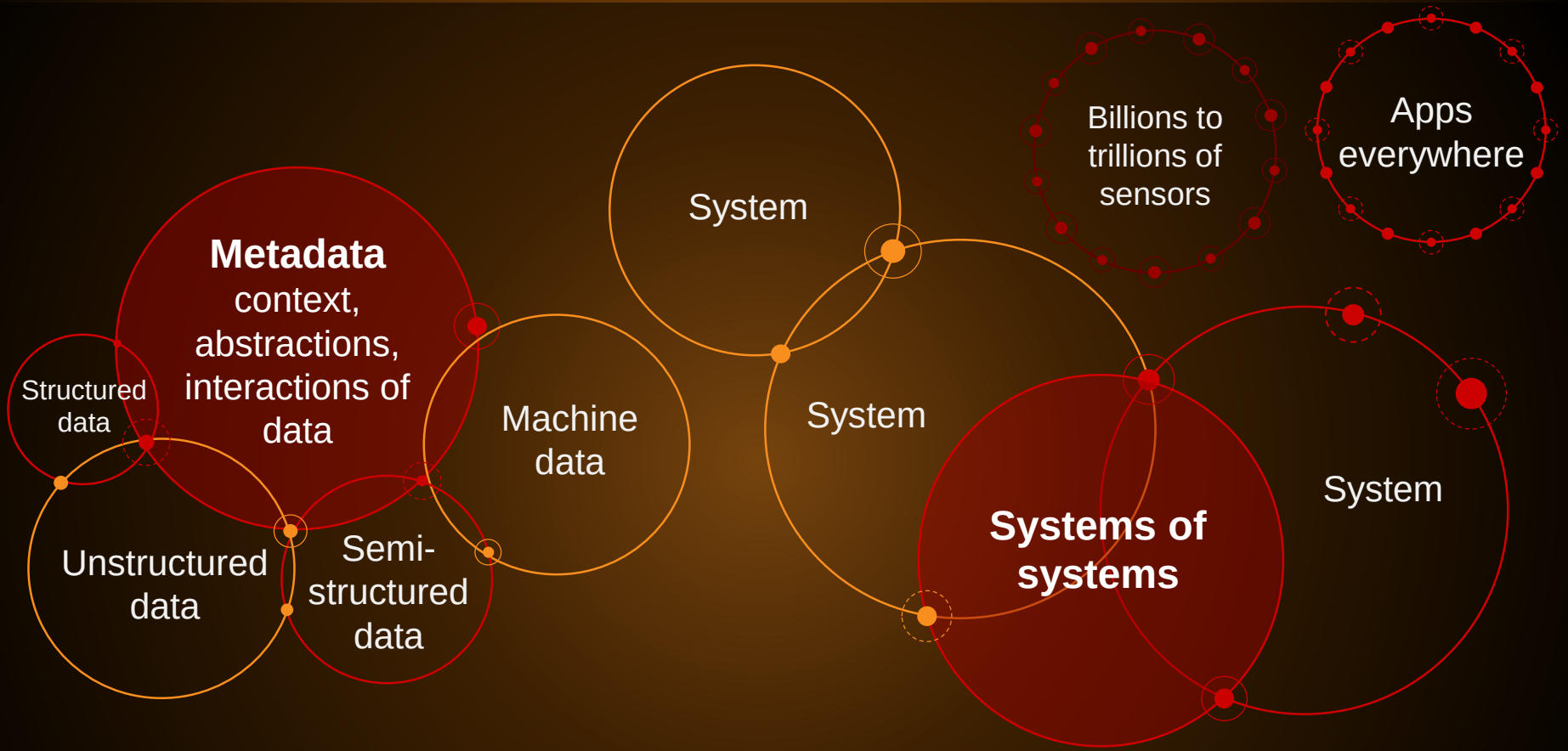
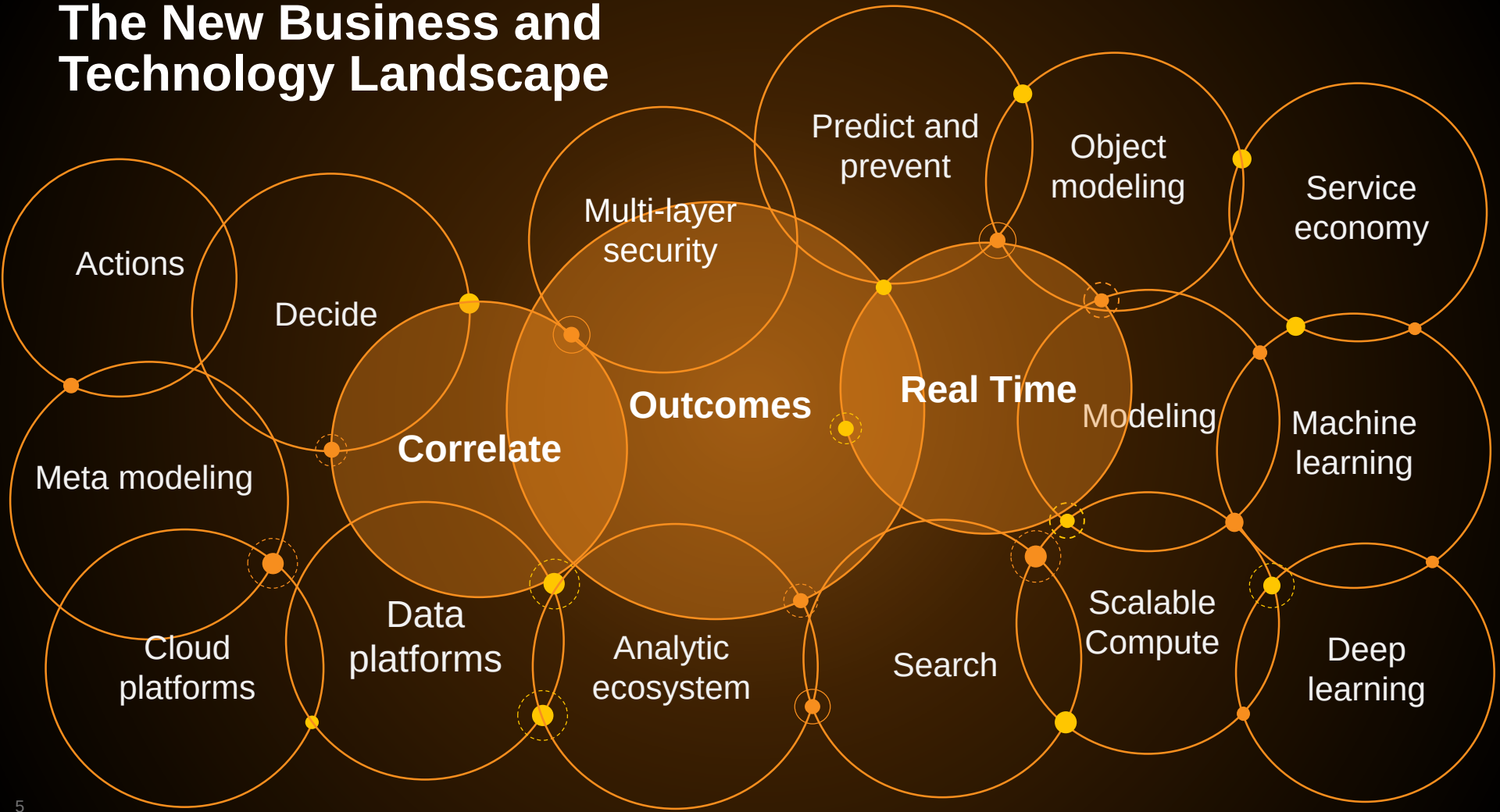


The New Business and Technology Landscape



Making it Real

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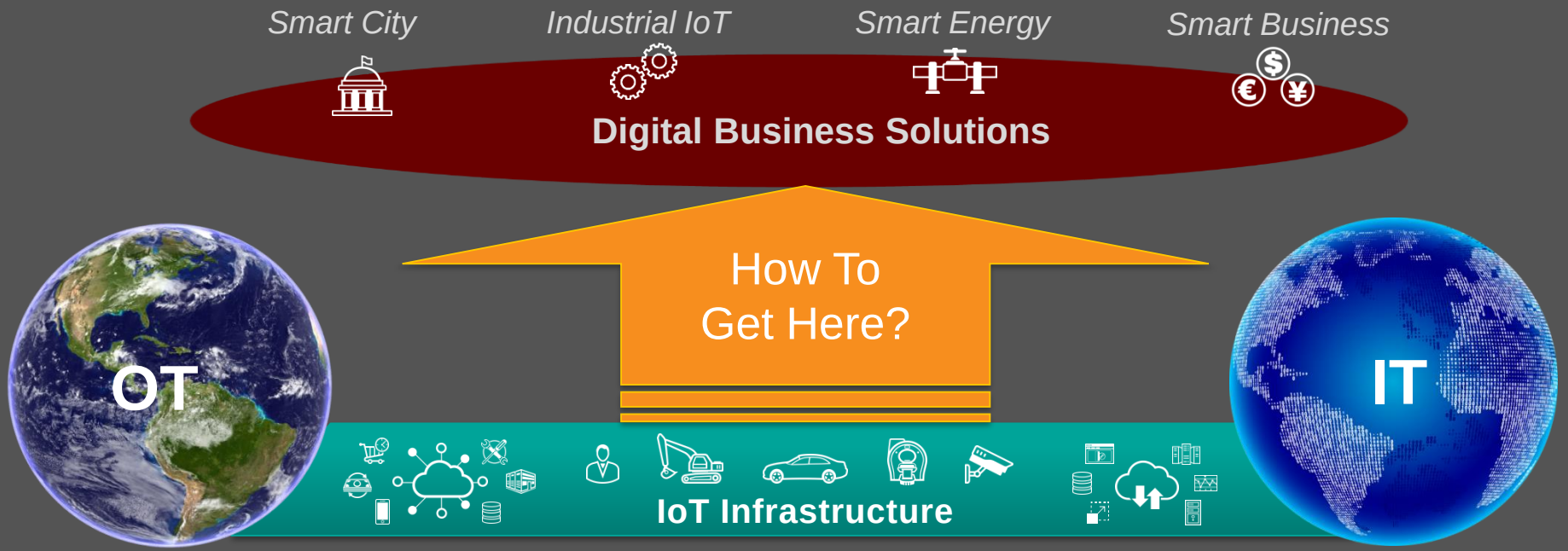

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Expertise and Scale … IOT with Hitachi

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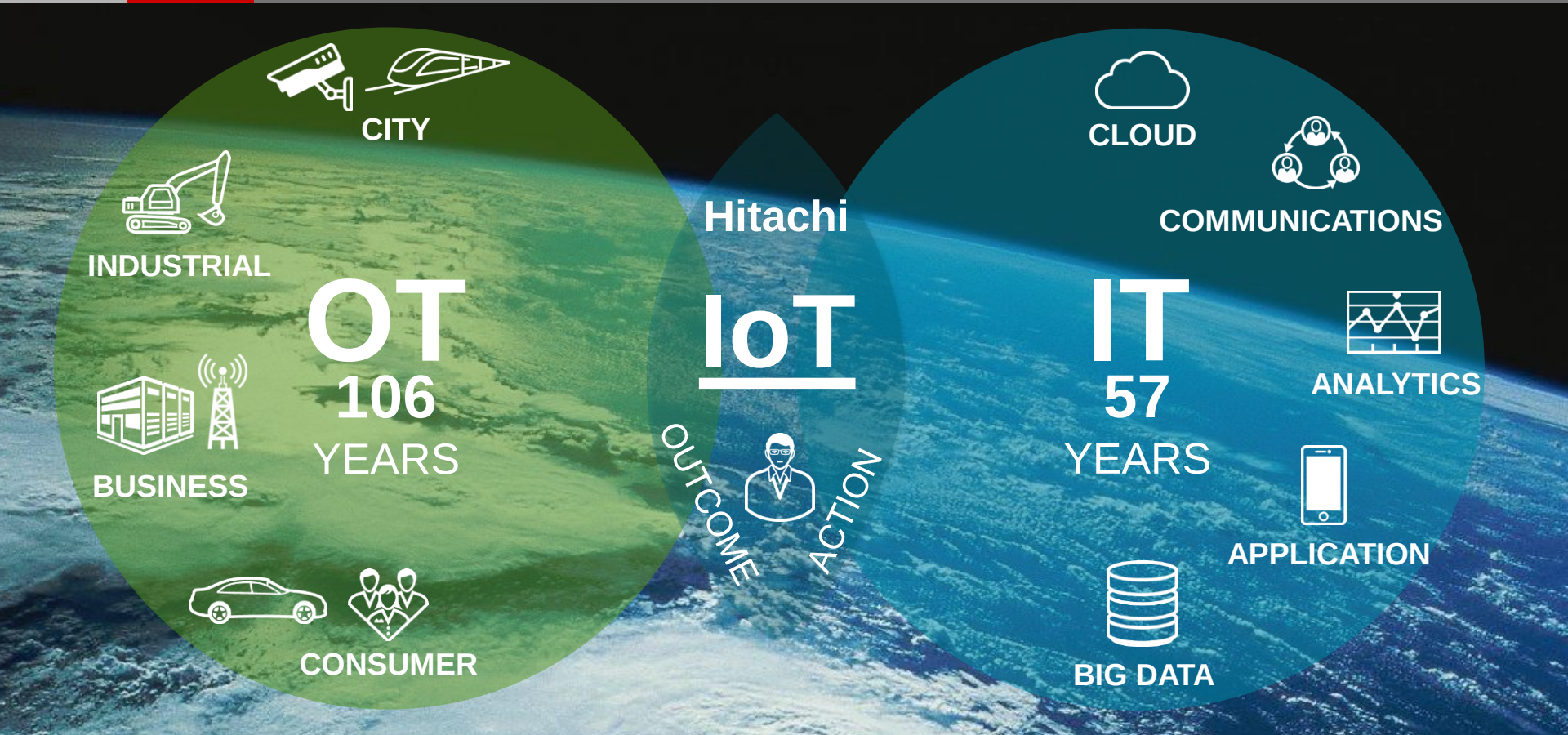

A Common IOT Platform

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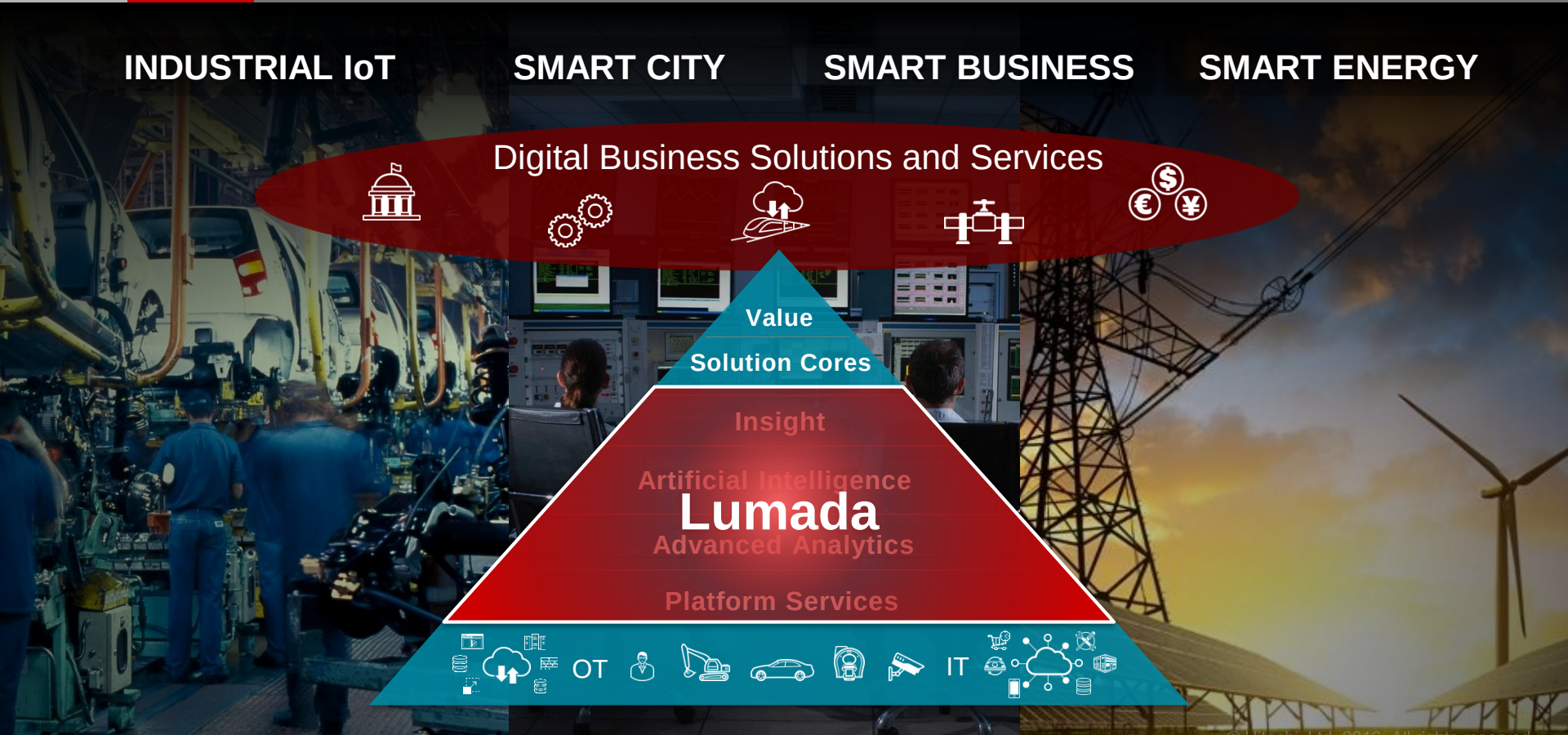

Co-Creation with Customers and Partners

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CONNECTED HEALTH: Visualisation

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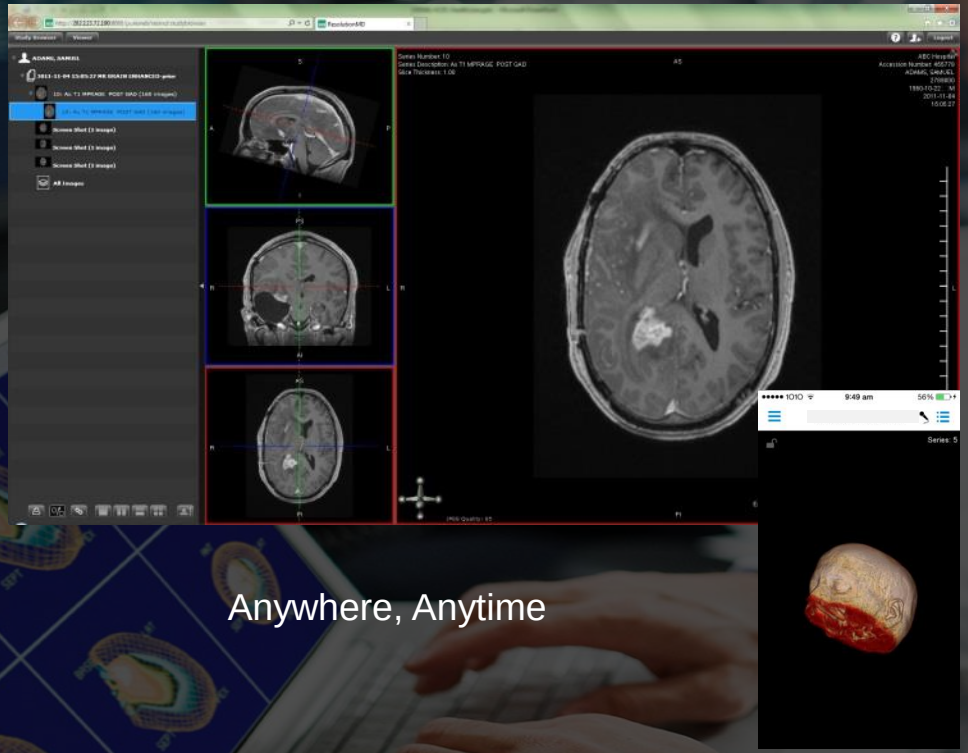
Visiting Medical Offices : On Demand - Access to Images



Anywhere, Anytime

TRANSFORMATION

- Mobility – Anywhere, Anytime
- Real Time Collaboration
- Rural Access to Specialists

- Workflow consultation
- Visualization application
- Archiving Solution
- Private Cloud
- Application training

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PUBLIC SAFETY: Situational Awareness

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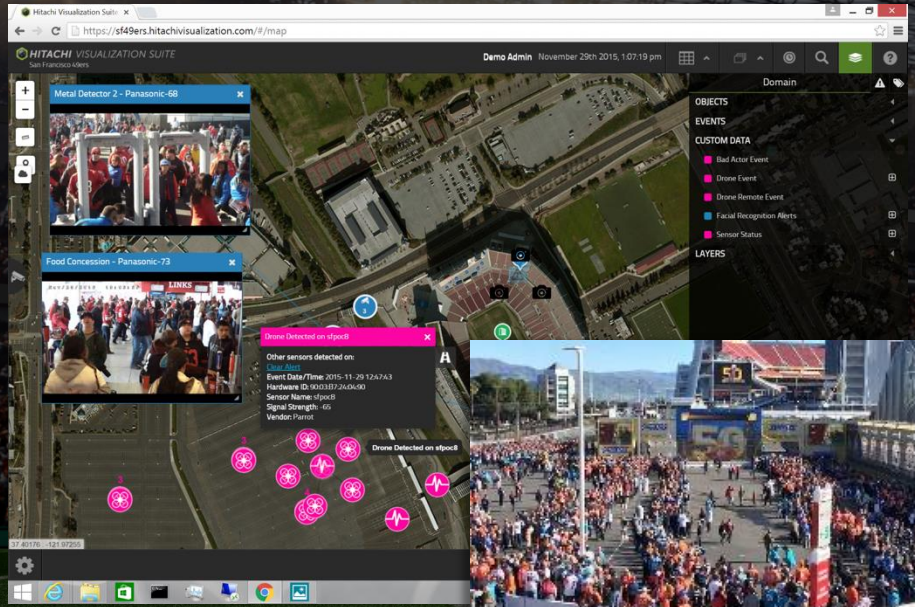
Keeping millions of fans, visitors and city safe



Drone detection,
visual asset views,
facial recognition

TRANSFORMATION

- No major incidents
- Thousands of attendees enjoy the event
- Millions of fans, visitors and city residents kept safe

- Hitachi Visualisation
- Video Aggregation
- Cameras & Analytics

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ENERGY: Active Power Pole Management

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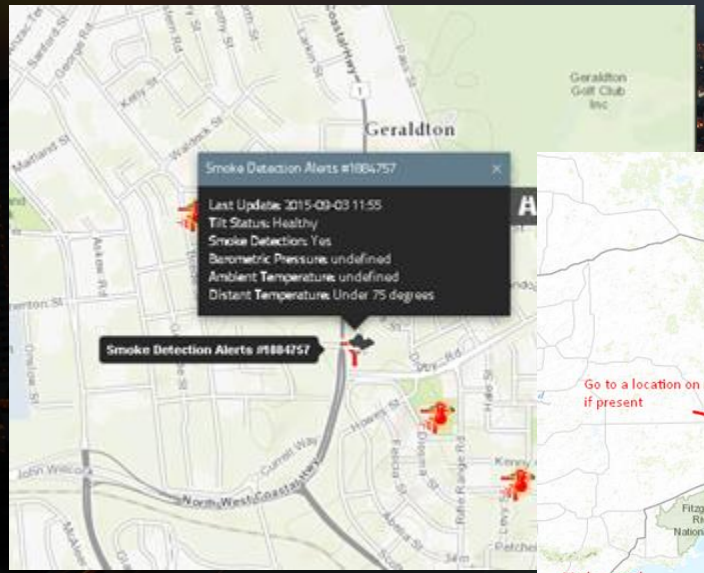
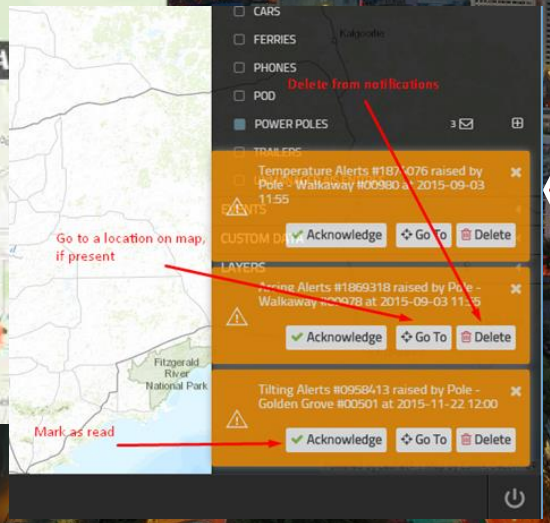
Making communities safer and reducing costs for utility companies



Toggle between power poles and zoom in to browse single poles



Manage notifications via multiple views

TRANSFORMATION

- Smart power with power pole management
- Real Time Alerts for power pole irregularities: tilting, smoke, arcing and temperature alerts
- Monitoring reduces incidence of poles falling and/or starting fires

- Hitachi Visualisation
- Analytics
- Core Infrastructure

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MOBILITY: Rail-as-a Service in UK

A Prime Example of IoT Solution

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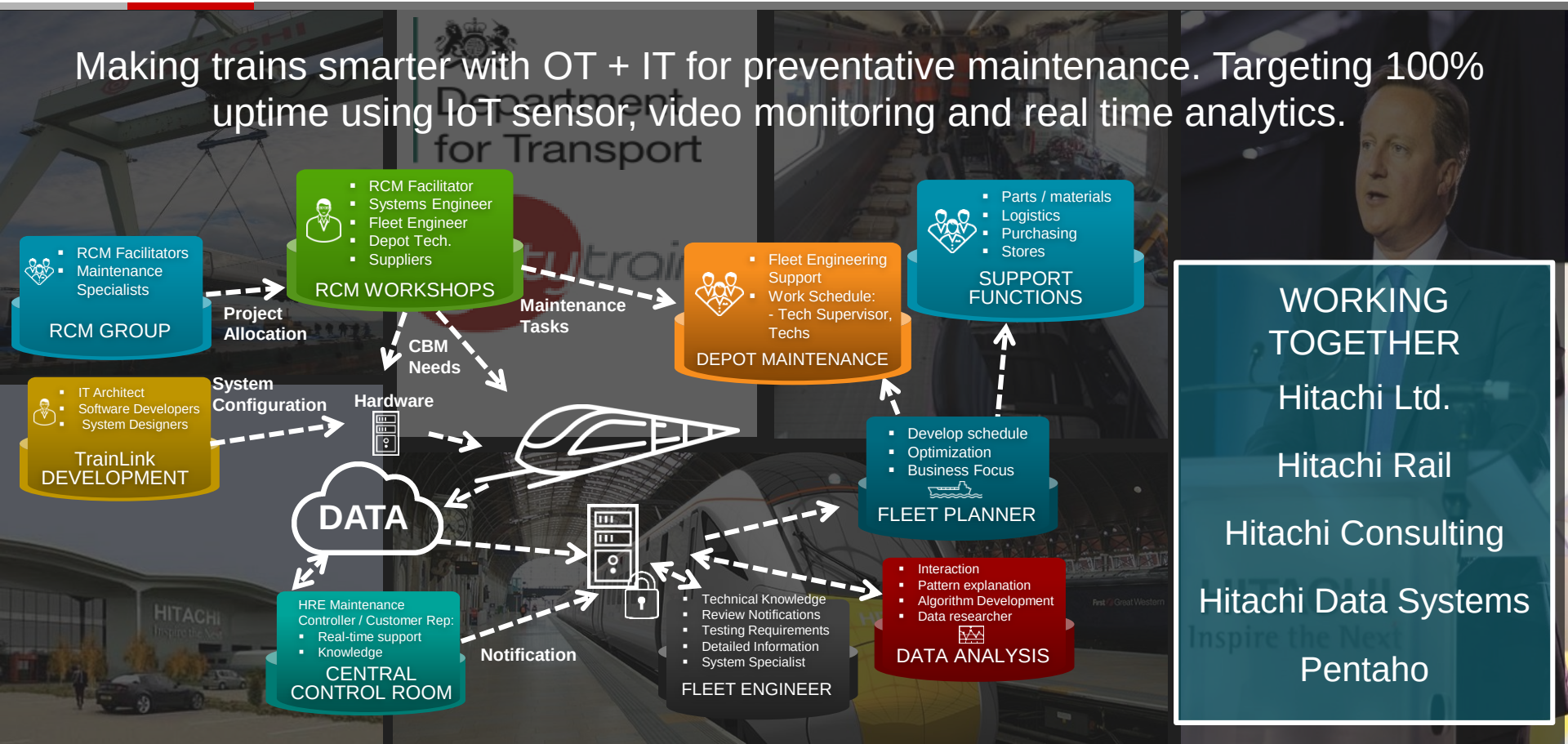
Making trains smarter with OT + IT for preventative maintenance. Targeting 100% uptime using IoT sensor, video monitoring and real time analytics.



WORKING TOGETHER

Hitachi Ltd.

Hitachi Rail

Hitachi Consulting

Hitachi Data Systems

Pentaho

Case Study Showcase
Social Innovation & IoT Solutions

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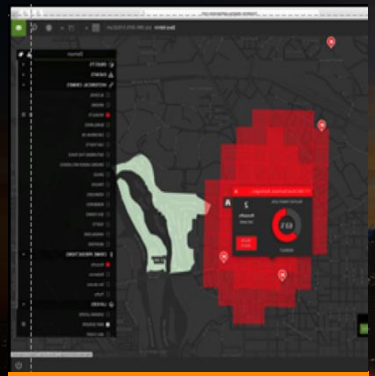

PUBLIC SAFETY

- Situational Awareness
- Predictive Crime Analytics
- Campus Safety

HEALTHCARE

- Informatics – Screening
- Proton Beam Therapy
- Visualisation

MOBILITY

- Transport-as-a Service
- Predictive Maintenance
- Signaling

AGRICULTURE

- Autonomous Farming
- Food Safety
- Precision Farming

MINING

- Smart Mining
- Mine Analytics
- Energy Reduction
- Autonomous Mining

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Why Hitachi

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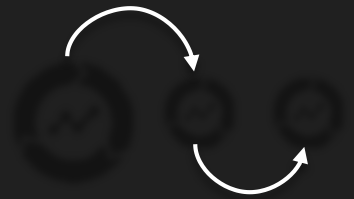
Internet of Things

We build the things that generate big data

Big Data Analytics



We build the IT hardware and software that capture, manage, and analyze big data

Industry Expertise

We have the deep domain expertise and technology that turns big data into big value

Few Companies can do this at Scale

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Thank You

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