

Delivering Value With Social Innovation Today

Hitachi Social Innovation Forum
Sydney

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The World Is Changing

..... and so is Australia

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Natural
Resources



Demographic
Shifts



Mass
Urbanisation

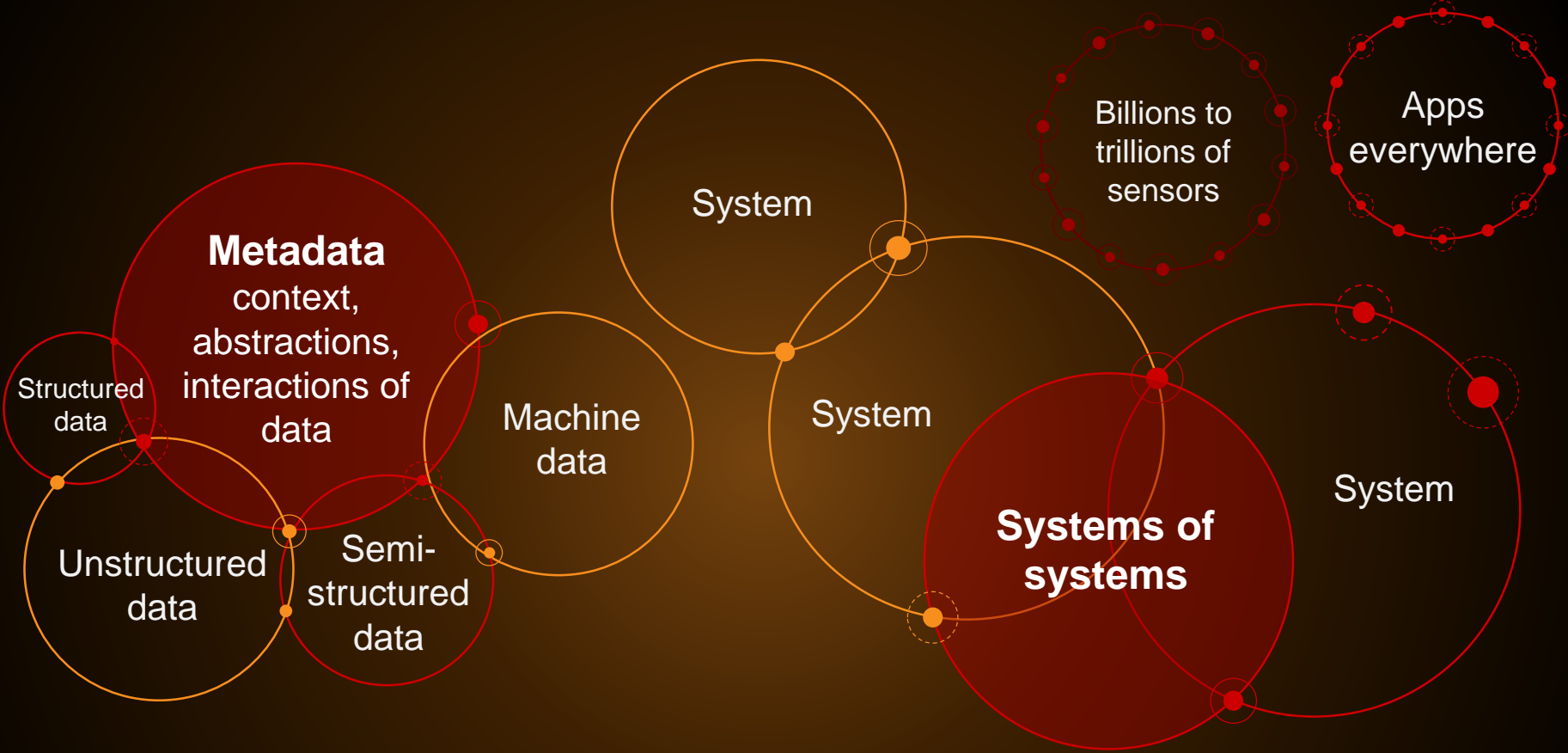


Social
Infrastructure

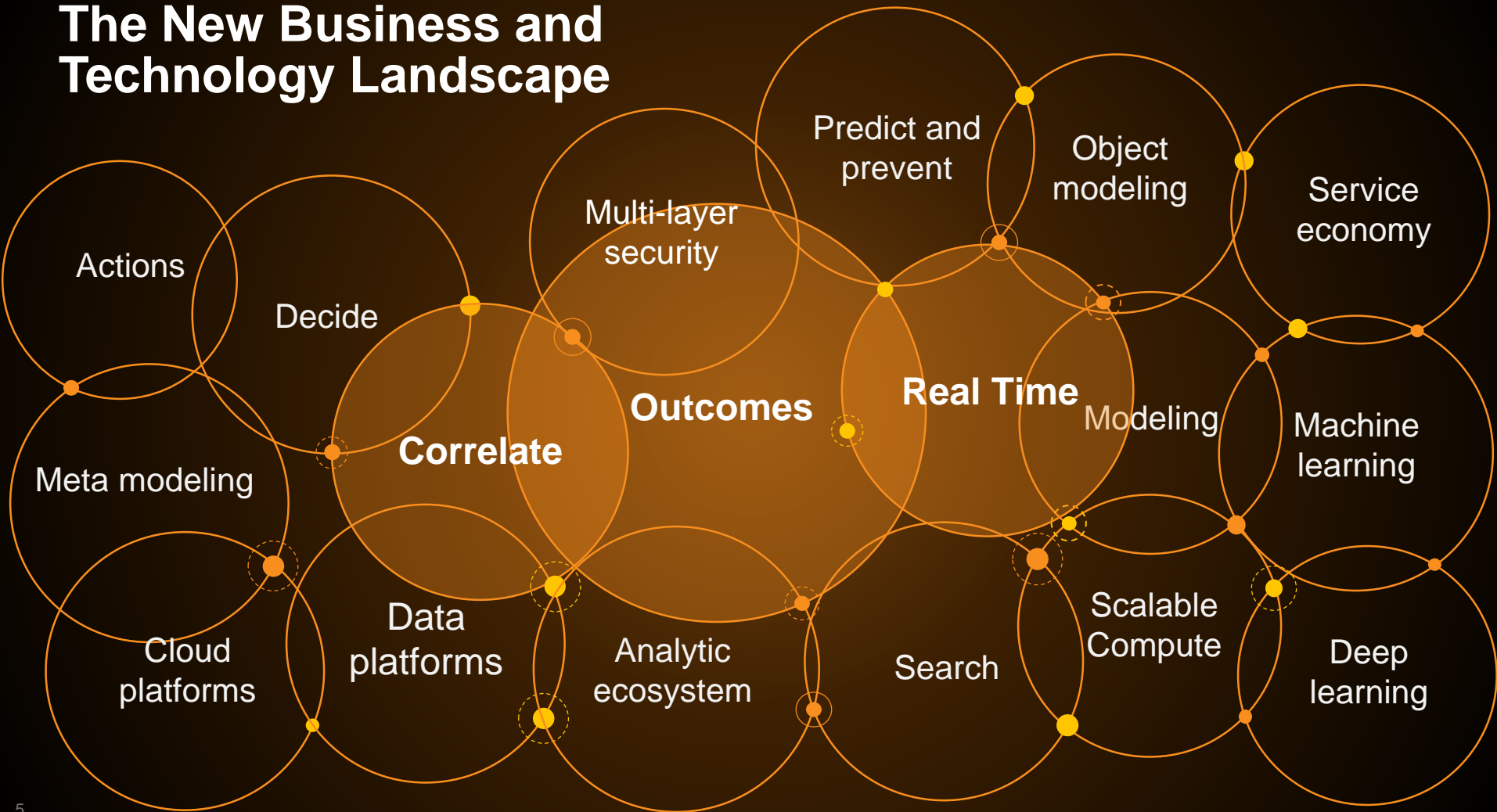
The Next Revolution Has Started

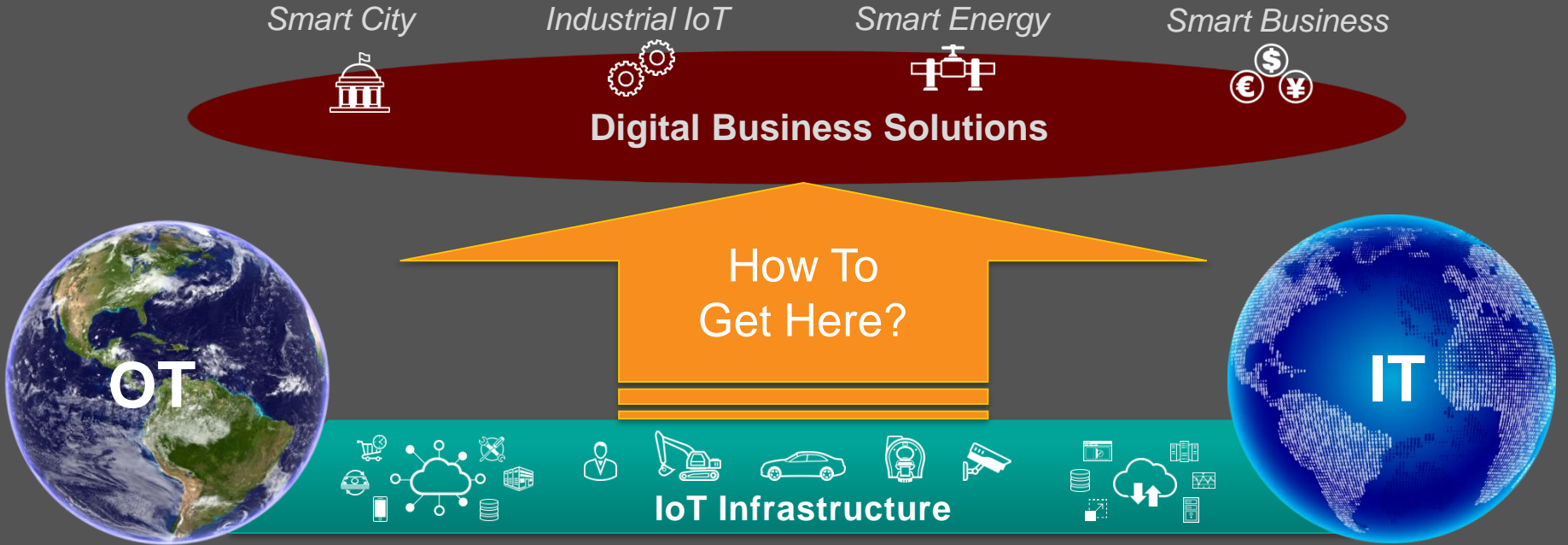


The New IoT Ecosystem



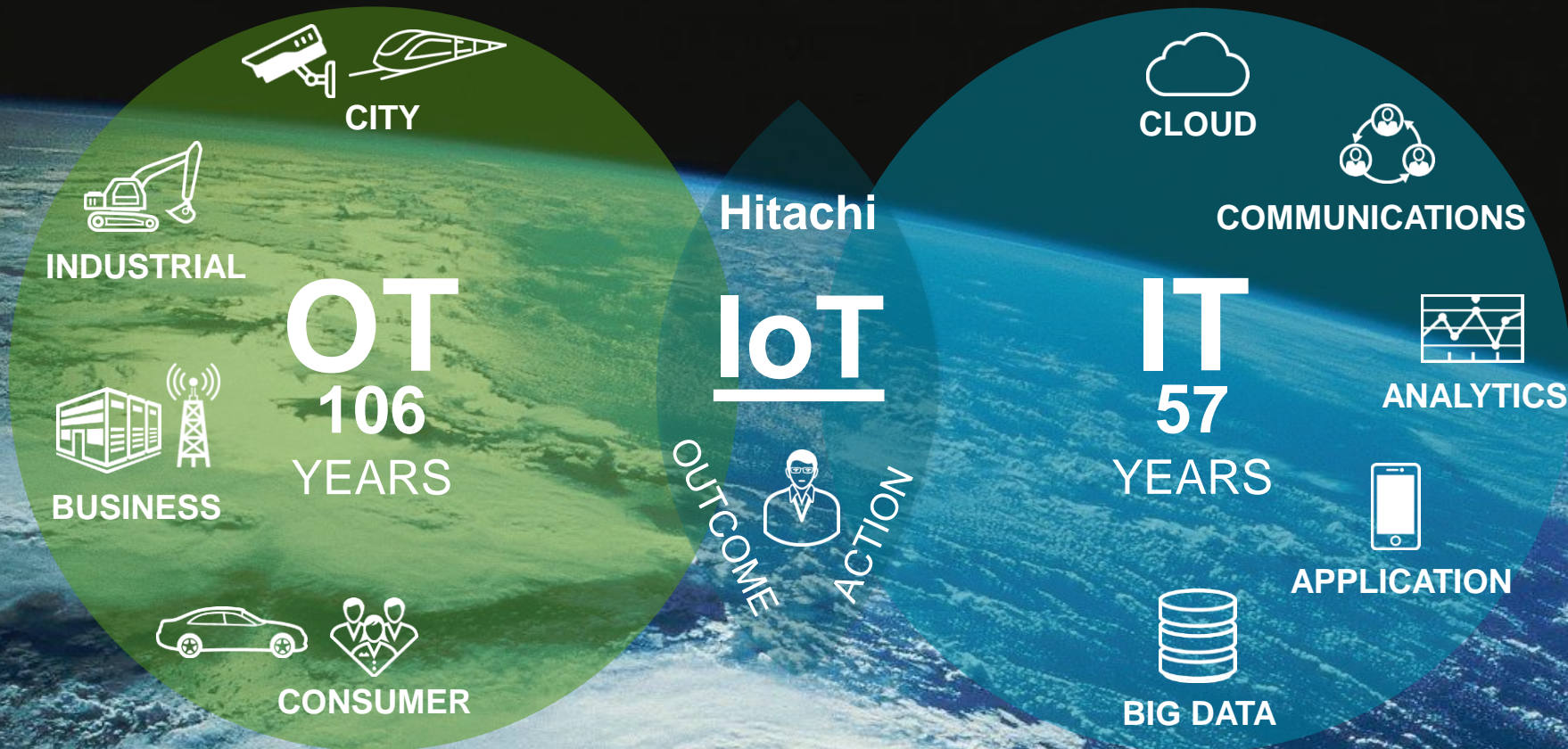
The New Business and Technology Landscape





Expertise and Scale ... IOT with Hitachi

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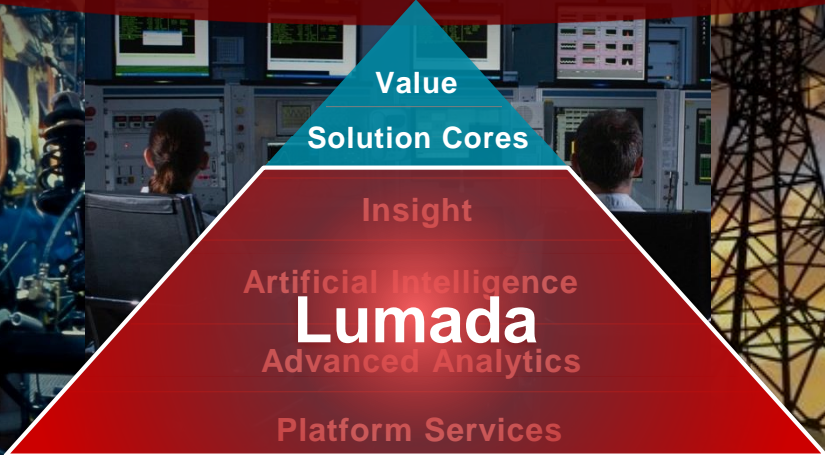
A Common IOT Platform

INDUSTRIAL IoT

SMART CITY

SMART BUSINESS

SMART ENERGY



Co-Creation with Customers and Partners

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500+ Researchers

Big Data Labs

2000+ Researchers

Centre for Technology Innovation

100+ Researchers

Centre for Exploratory Research

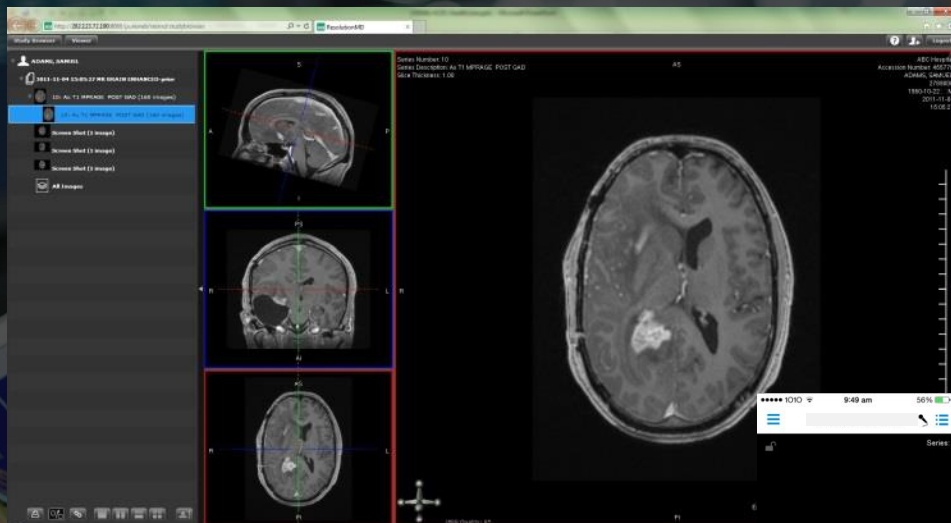
NEXPERIENCE Space

Video Collaboration Room

Simulation room

Demonstration area

Visiting Medical Offices : On Demand - Access to Images



Anywhere, Anytime

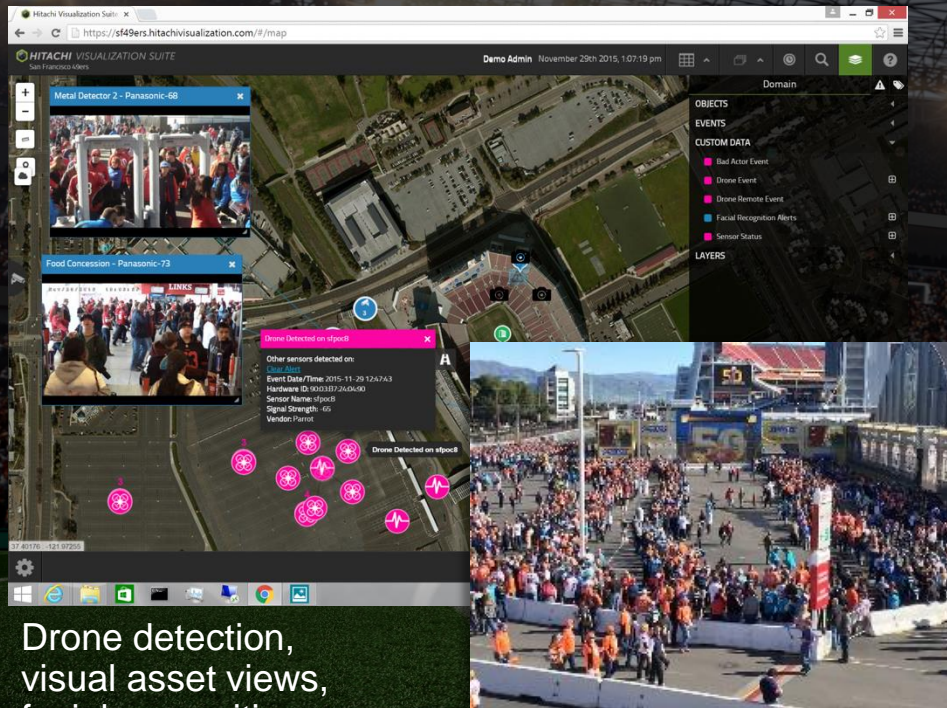
TRANSFORMATION

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

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

PUBLIC SAFETY: Situational Awareness

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

ENERGY: Active Power Pole Management

Making communities safer and reducing costs for utility companies

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

Toggle between power poles and zoom in to browse single poles

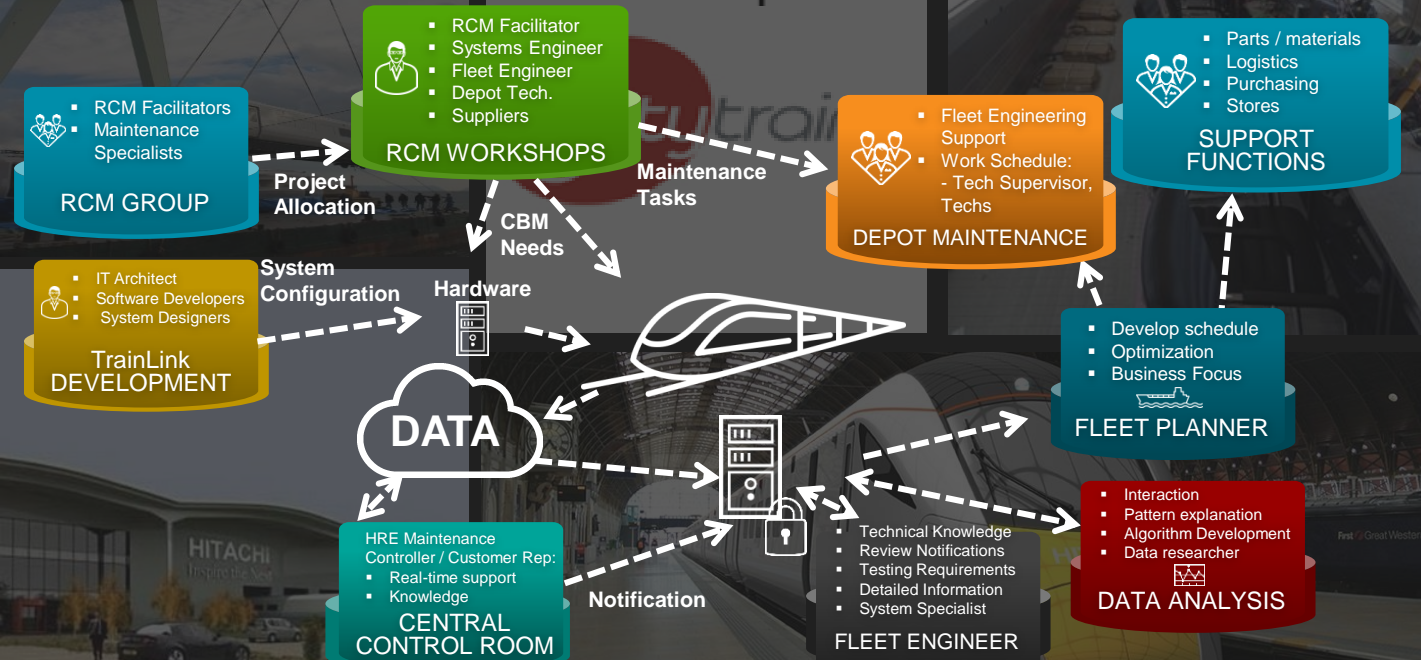
Manage notifications via multiple views

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.

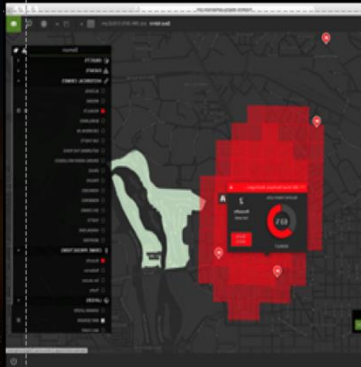


WORKING TOGETHER
Hitachi Ltd.
Hitachi Rail
Hitachi Consulting
Hitachi Data Systems
Pentaho

Case Study Showcase

Social Innovation & IoT Solutions

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PUBLIC SAFETY

- Situational Awareness
- Predictive Crime Analytics
- Campus Safety



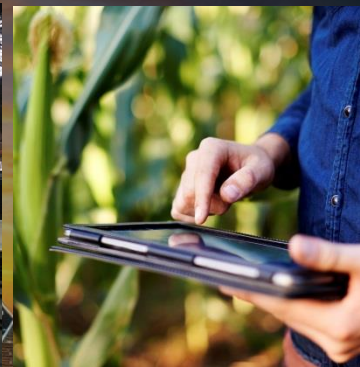
HEALTHCARE

- Informatics – Screening
- Proton Beam Therapy
- Visualisation



MOBILITY

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



AGRICULTURE

- Autonomous Farming
- Food Safety
- Precision Farming



MINING

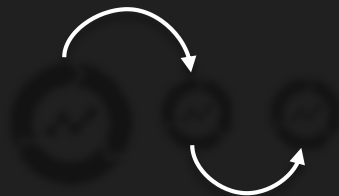
- Smart Mining
- Mine Analytics
- Energy Reduction
- Autonomous Mining

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



**Serving the World with
Our Social Innovation Business**
THE FUTURE IS OPEN TO SUGGESTIONS



Thank You