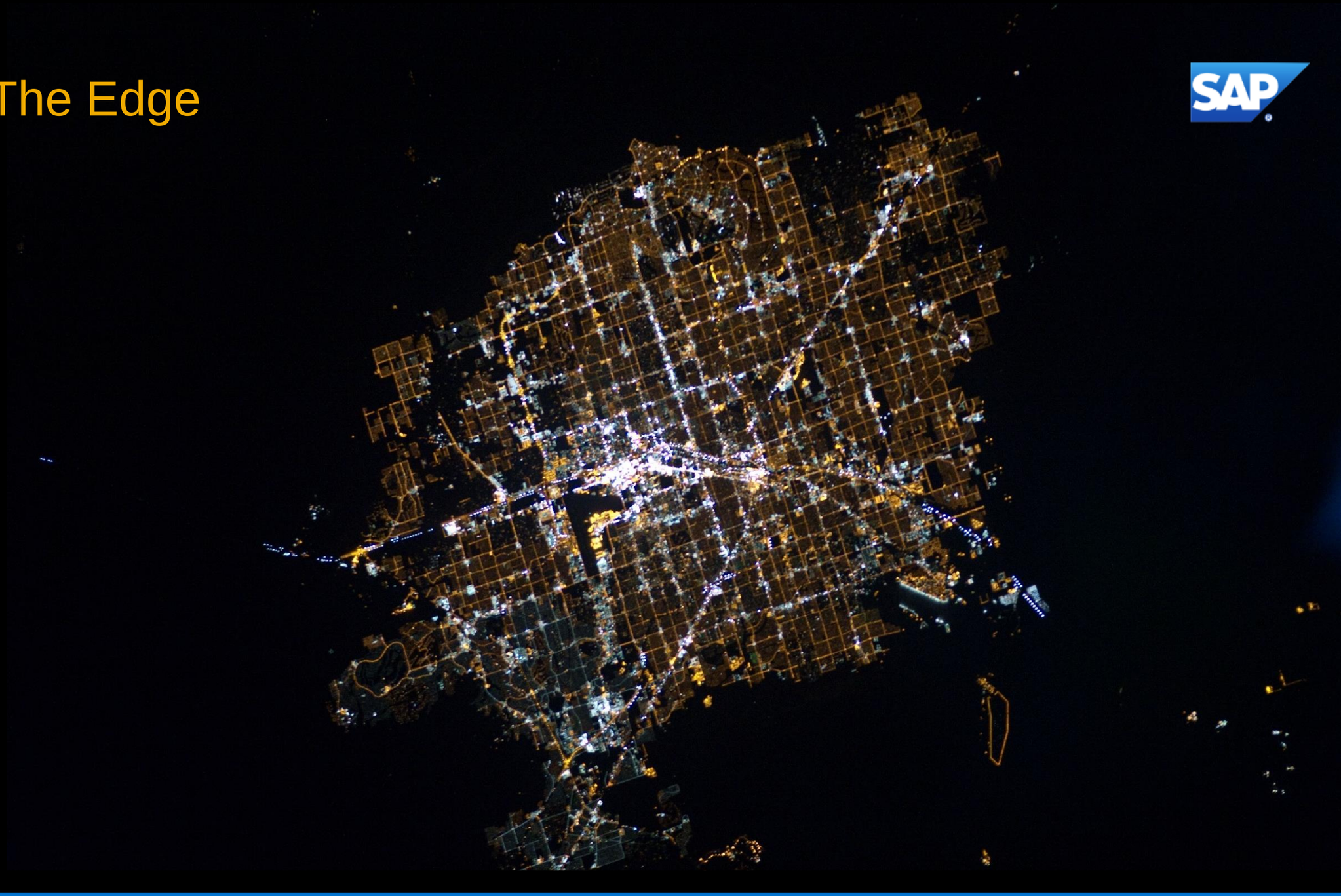
RUNNING ON DATA

Real-Time Business & Operational Intelligence

JONATHON WETTON, SAP ANZ PLATFORM CENTRE OF EXCELLENCE

Running On The Edge



System of Engagement – the Digital Core

Turn your people from
consumers of reports
to
discoverers of insights

TX & Analytics merge
Simple = Accessible
Balance Agility & Governance

SAP

Innovate
Optimize

TYRE LIFE SPAN OPTIMISATION

COAL
MIX
BOTS

DIGGER AS A SERVICE

SPARE PARTS
TO
YOUR
MAILBOX

INTERNET OF COWS

TOM DAVENPORT ON BIG DATA:

Nobody likes the term. Many think it's an important concept, and some think it's revolutionary, but almost everybody wishes for a better, more descriptive name for it. Some managers are objecting only to the hype around the big data buzzword, but I believe many executives simply yearn for a better way to communicate what they are doing with data and analytics.

Nov 2014

The Challenge of Real-Time Analytics

To be transparent, yet essential

To move at the speed of thought

Manage the value, govern the data

THINKING ABOUT ANALYTICS EXCELLENCE

ARCHITECTURE
PLATFORM
INFRASTRUCTURE
BACKBONE
WAREHOUSE
STORAGE
SILO
JOINS
TOOLS
CUBES

THINK AGILE

SINGLE ECOSYSTEM

DATA DISCOVERY

DATA GOVERNANCE

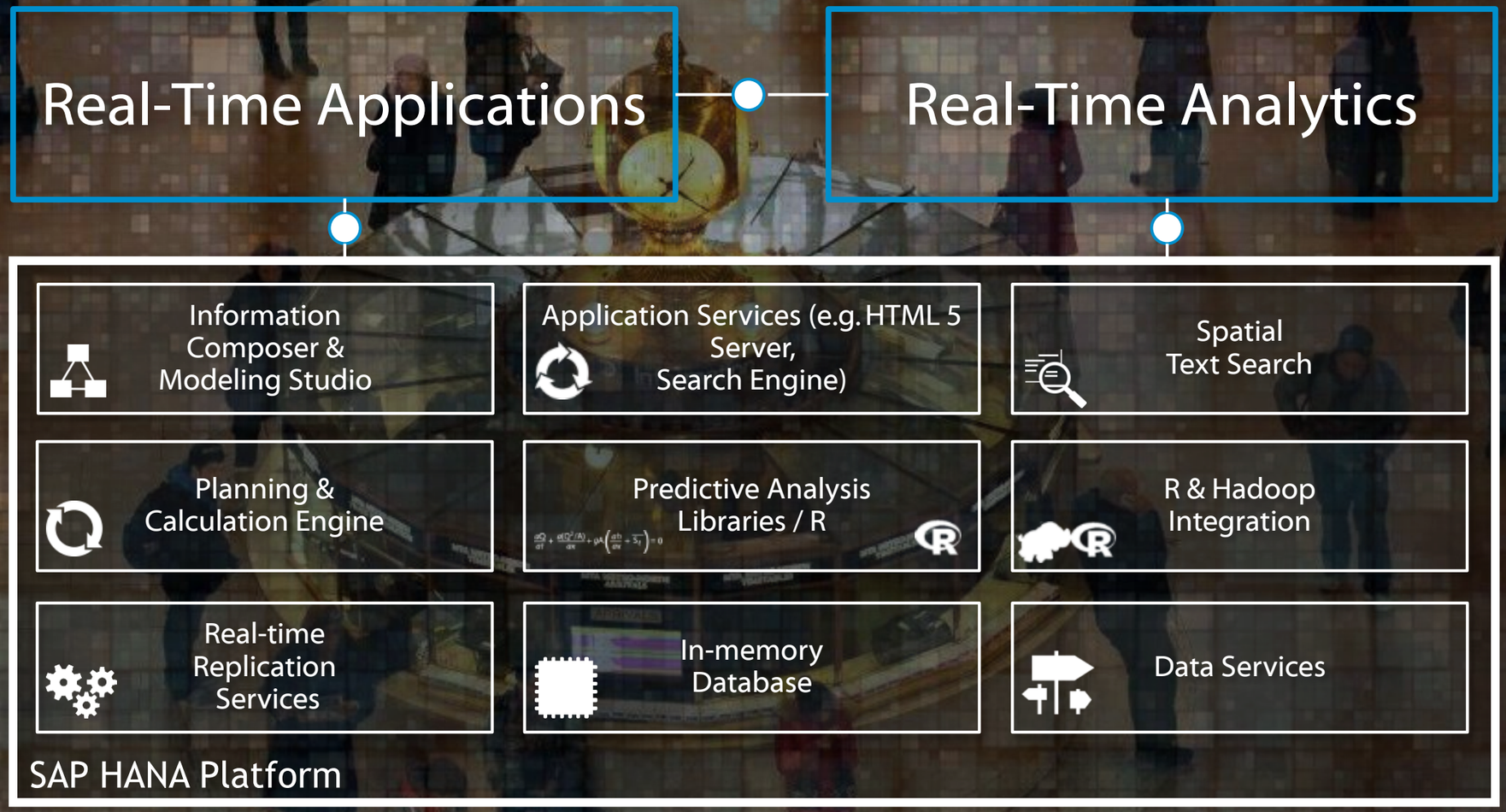
BIG DATA READY

CLOUD ENABLED

MOBILE DELIVERED

PREDICTIVE INTEGRATED

REAL-TIME ANALYTICS



SAP BIG DATA

SUITE ON HANA

ERP

CRM

SCM

SRM

BUSINESS APPS

CUSTOMER ENGAGEMENT INTELLIGENCE

SENTIMENT INTELLIGENCE

CUSTOMER VALUE INTELLIGENCE

FRAUD MANAGAMENT

SALES & OPS PLANNING

DEMAND SIGNAL MANAGEMENT

RESPONSIVE MANUFACTURING

PREDICTIVE ASSET MAINTENANCE

ACCELERATED TRADE PROMOTION PLANNING

OPERATIONAL EQUIPMENT INTELLIGENCE

CONVERGENT PRICING SIMULATION

CUSTOM APPS

START UPS

BIG DATA

PLATFORM

ACQUIRE, ANALYSE & ACT

- In-Memory
- Petabyte scale storage
- Hadoop
- Event Stream Processing
- Data Services

BIG DATA

ANALYTICS

COLLECTIVE INSIGHTS

- Data discovery
- Predictive Analytics
- Text Analysis
- Geospatial
- Business Intelligence

BIG DATA

APP

ADAPT CUSTOM

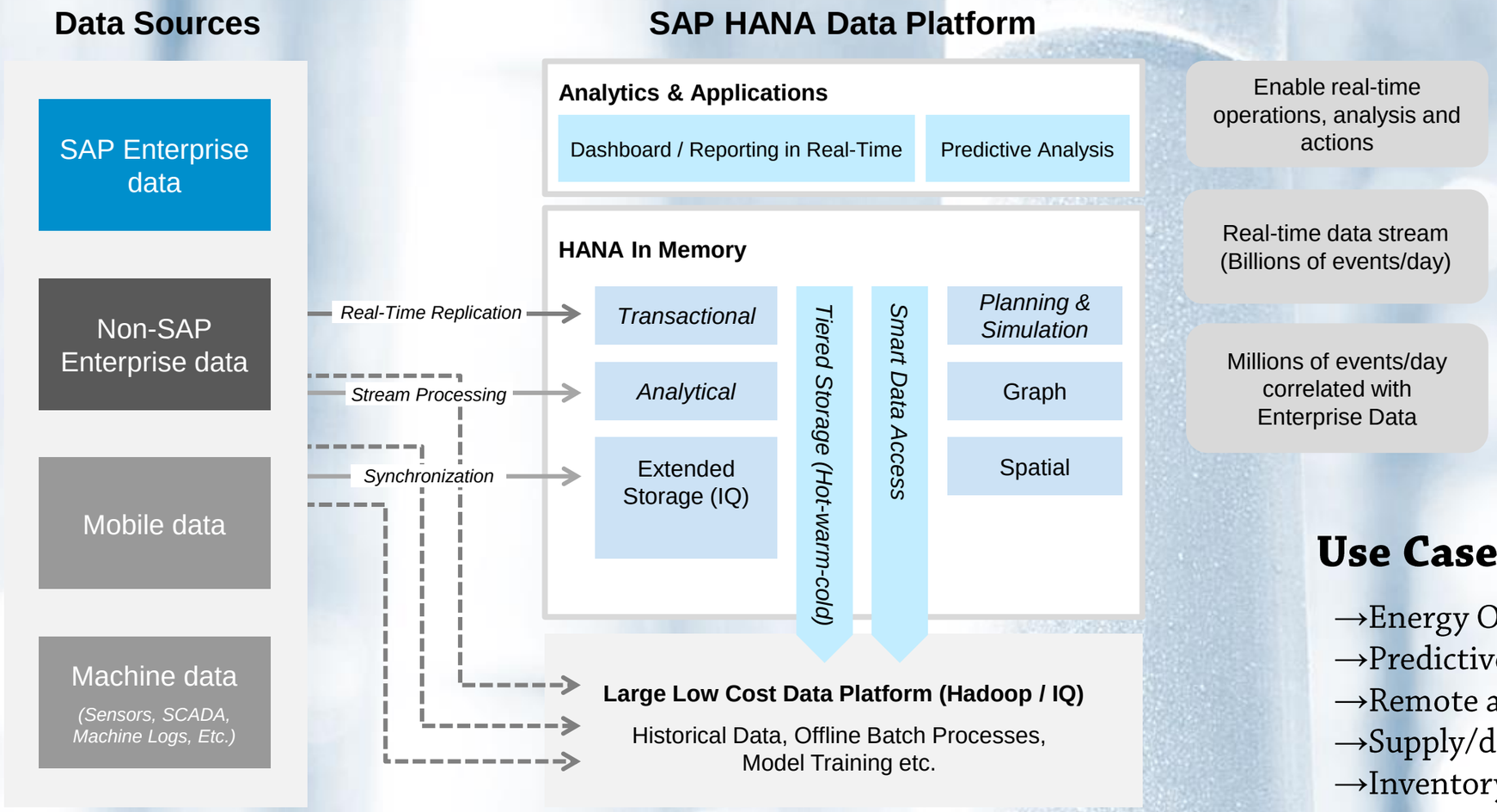
- Business App
- Custom Appl

BIG DATA

- Data Science

Generic Pattern 1: Machine Data Insight

Insight from machines, assets, and devices for better real-time decisions, predictions, and operational performance



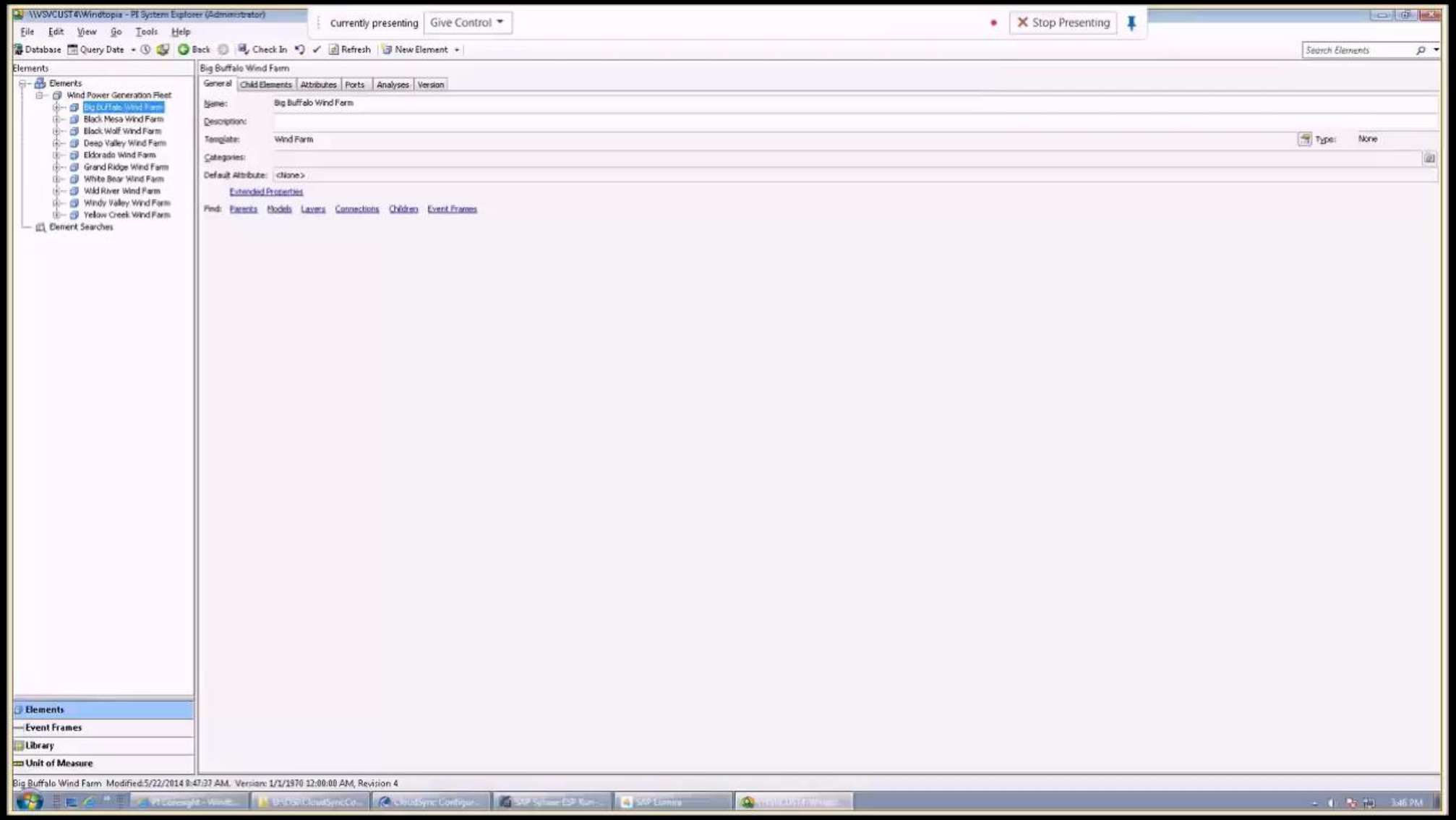
Use Cases

→Energy Optimization
→Predictive maintenance
→Remote asset mgmt.
→Supply/demand forecast
→Inventory mgmt.
→Route optimization

Transform High Volume, High Velocity data into High Value Data. Enable Real-Time Analytics.

THE DIGITAL CORE

PI Integrator for SAP HANA



Run Simple

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BI Strategy Assessment Workshop

Lumira