Quadratyx
THE POWER OF INSIGHT

Energy & Utilities analytics use cases

Quadratyx is an **intellectual property** based **Artificial Intelligence (AI)** and **Deep Analytics** company, that offers innovative **Big Data** products and solutions.

Analytics to address challenges and opportunities

DATA SOURCES

EMS/SCADA

GRID

TELEMATICS

CUSTOMERS

LOCATION

SOCIAL MEDIA

ERP

BIG DATA ANALYTICS SOLUTION

Real-time Data Pre-processing and Analytics

Landing, Transformation, Exploration Layer

Analytics Layer

EDW and Data Mart Layer

Information Integration and Governance

ON PREMISE / CLOUD AS A SERVICE
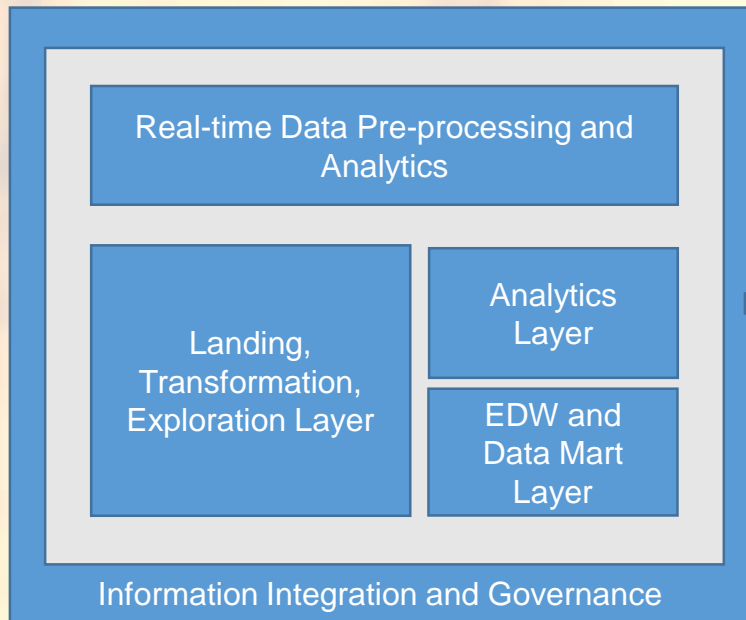
- Reporting and Analysis
- Discovery and Exploration
- Predictive Analytics
- Decision Management
- Cognitive Process Automation

ENHANCED APPLICATIONS

FRAUD MGMT

OUTAGE MGMT
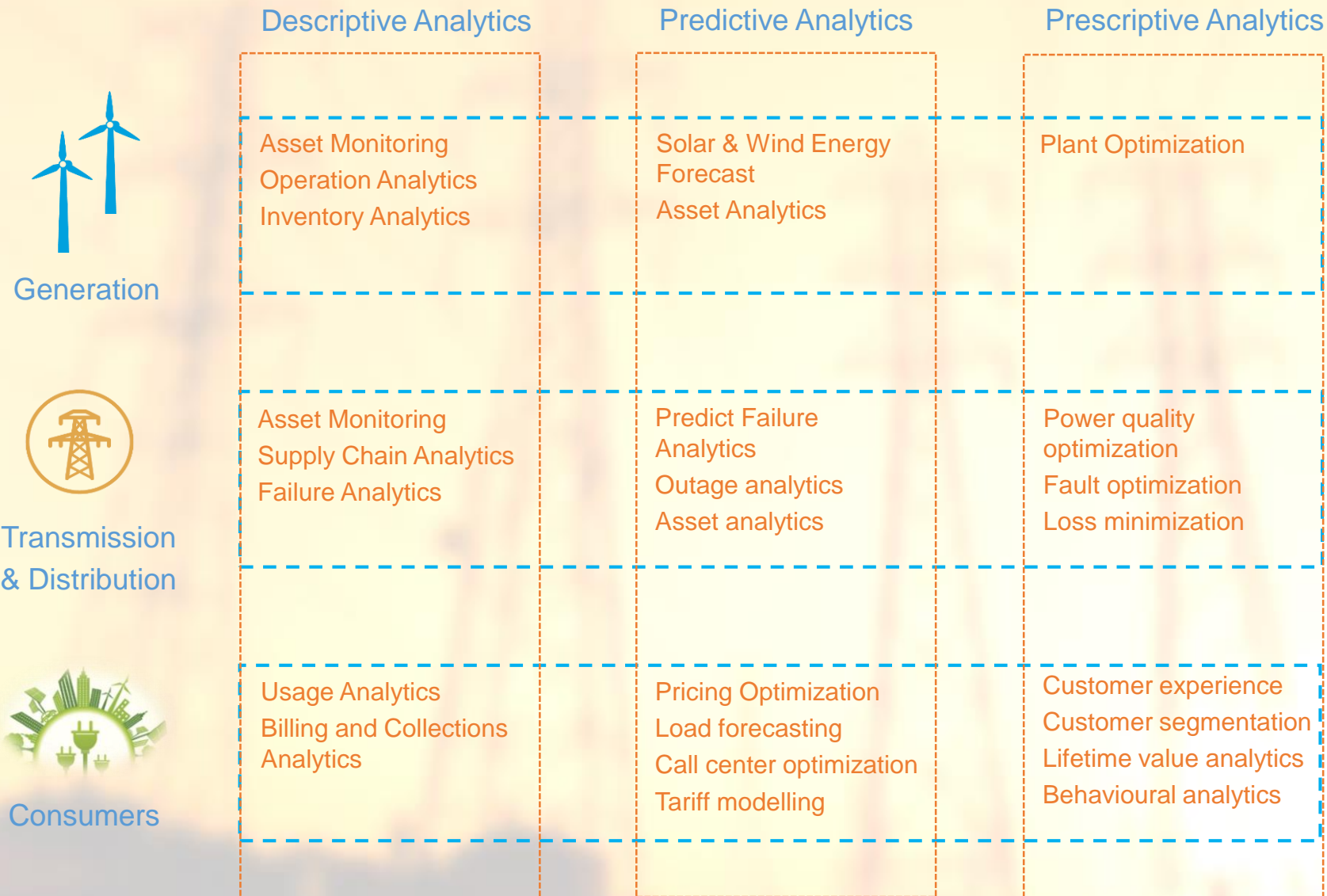
ASSET MGMT

REGULATORY

CALL CENTERS

QUALITY

INTERNAL OPERATIONS

Analytics Use Cases Across the Value Chain

	Descriptive Analytics	Predictive Analytics	Prescriptive Analytics
Generation	Asset Monitoring Operation Analytics Inventory Analytics	Solar & Wind Energy Forecast Asset Analytics	Plant Optimization
Transmission & Distribution	Asset Monitoring Supply Chain Analytics Failure Analytics	Predict Failure Analytics Outage analytics Asset analytics	Power quality optimization Fault optimization Loss minimization
Consumers	Usage Analytics Billing and Collections Analytics	Pricing Optimization Load forecasting Call center optimization Tariff modelling	Customer experience Customer segmentation Lifetime value analytics Behavioural analytics

Thank You

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