

Oracle Utilities Supporting Centre of Excellence for Clean Energy

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Oracle Utilities

Today we will provide our view on the changes that will need to be considered for Utilities as they manage broader renewable generation and the introduction of “green” technology in the electricity network.

We will look at the what are driving the changes and what the will be required including the Smart Grid, Distributed Energy Resources and Data.

Industry Challenges Driving Utility Operational Solutions



Customer Relationships



Aging Infrastructure and Business Transformation

Deliver affordable utility services to customers reliably, cleanly, and safely

Climate Change, Environmental, and Regulatory



Conservation and Sustainable Growth



Revenue/Costs/Profitability



Source: www.bullittcenter.com

Renewable Sources

SOLAR



GEO THERM



HYDRO



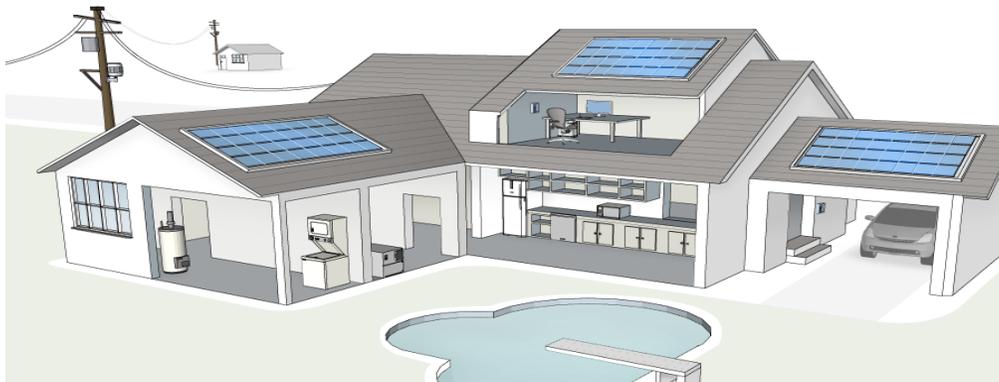
BIOMASS



WIND



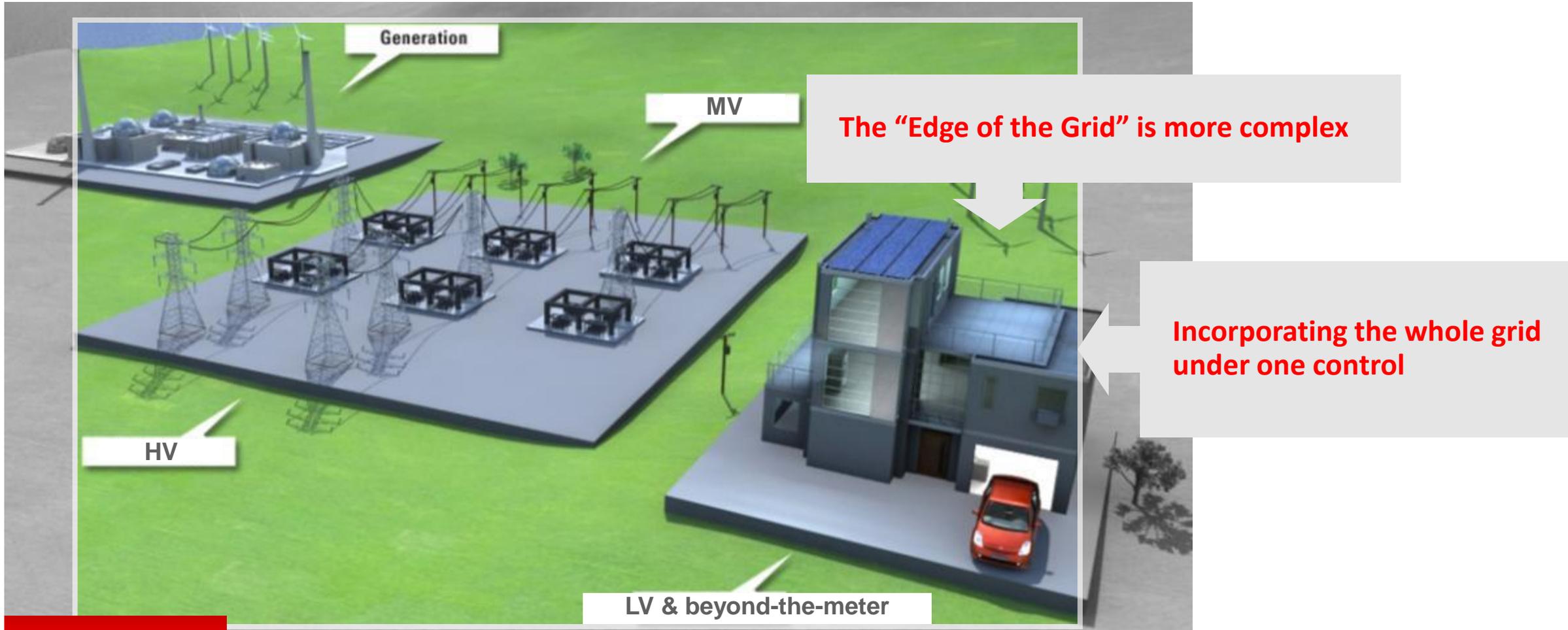
SMART HOMES



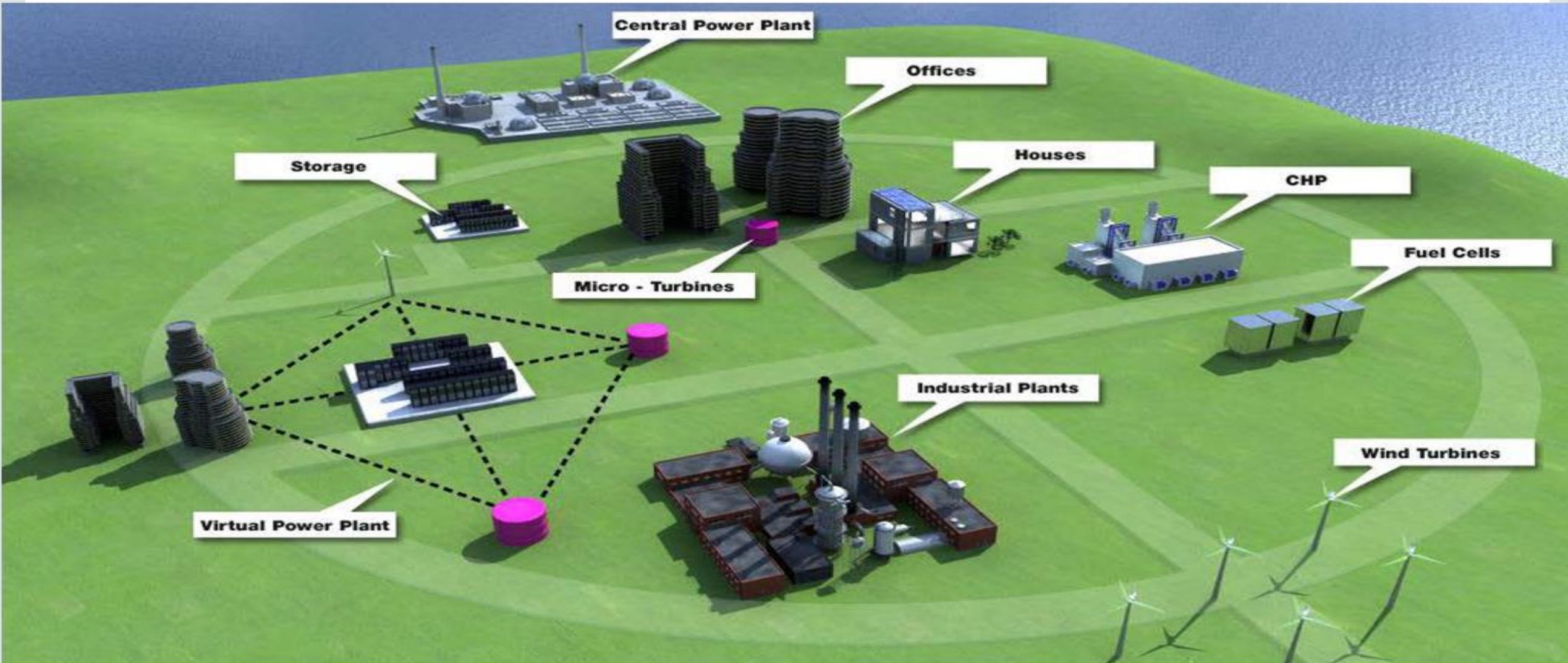
SMART BUILDINGS



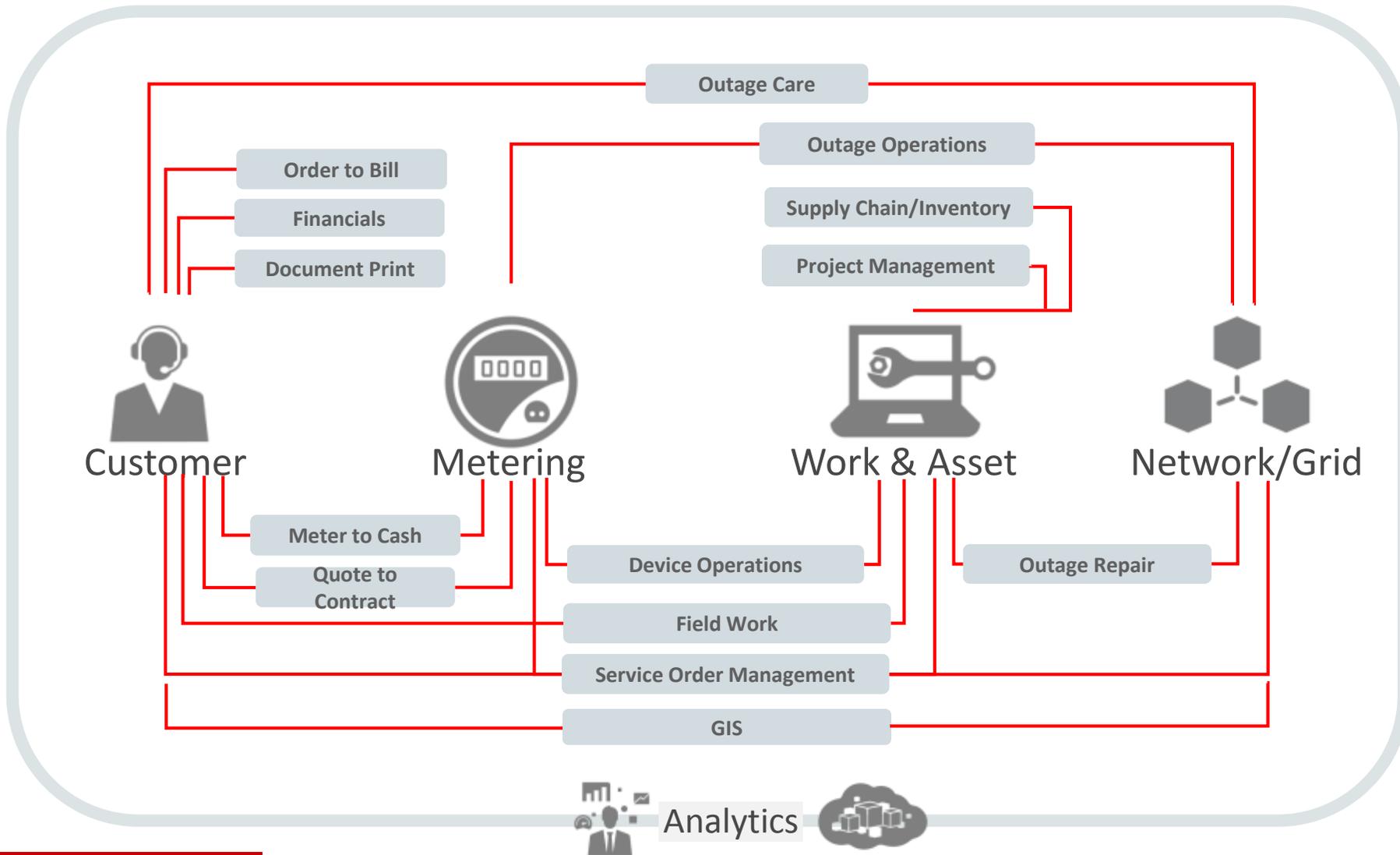
Renewables and Visibility at the **Edge** of the Grid



Community Microgrids – Distributed Management

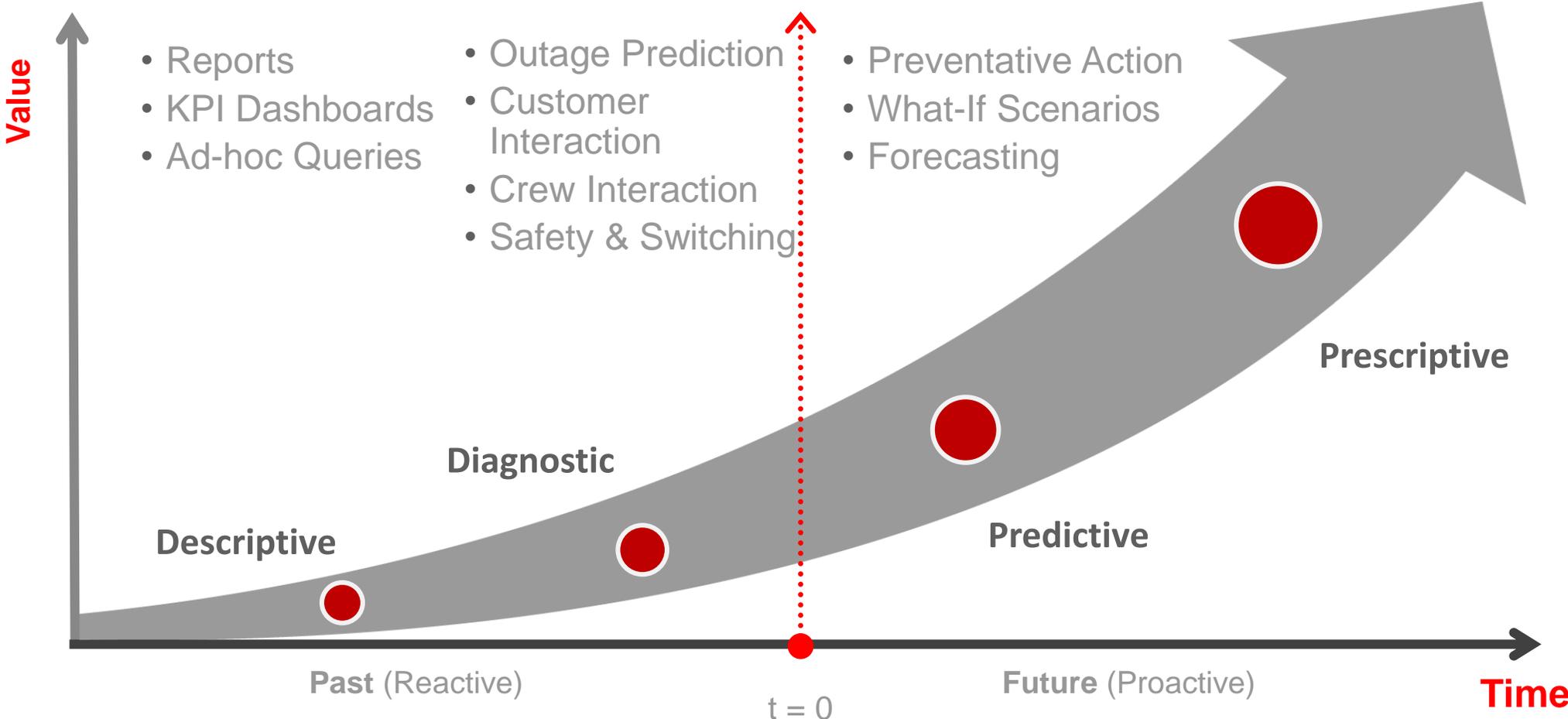


Utility Solutions Integration: Working Together



- Process driven
- Standard architecture
- Extensible flows
- Upgradeable & open

Big Data Analytics



Thank you

ORACLE®

UTILITIES