



Creating Digital Twin for Water Utility

Challenges

Aging Assets, Rising Electricity Costs, Financing for CIP, Water Loss, Water Scarcity, & Climate Change

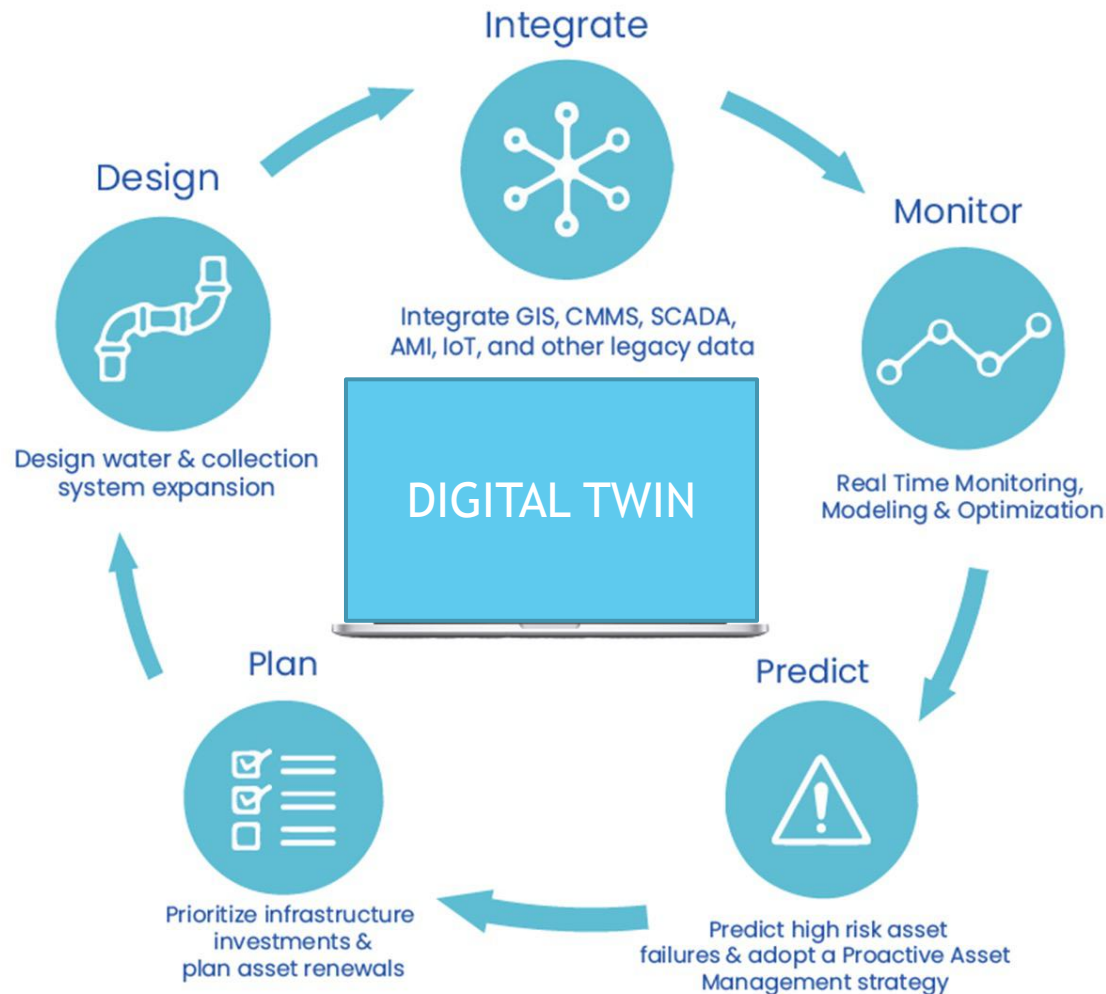


Existing Workflow - Disconnected IT Solutions
Billing Information
SCADA information,
IOT Sensor Data
Obsolete Hydraulic Model
Current Maintenance Workflow

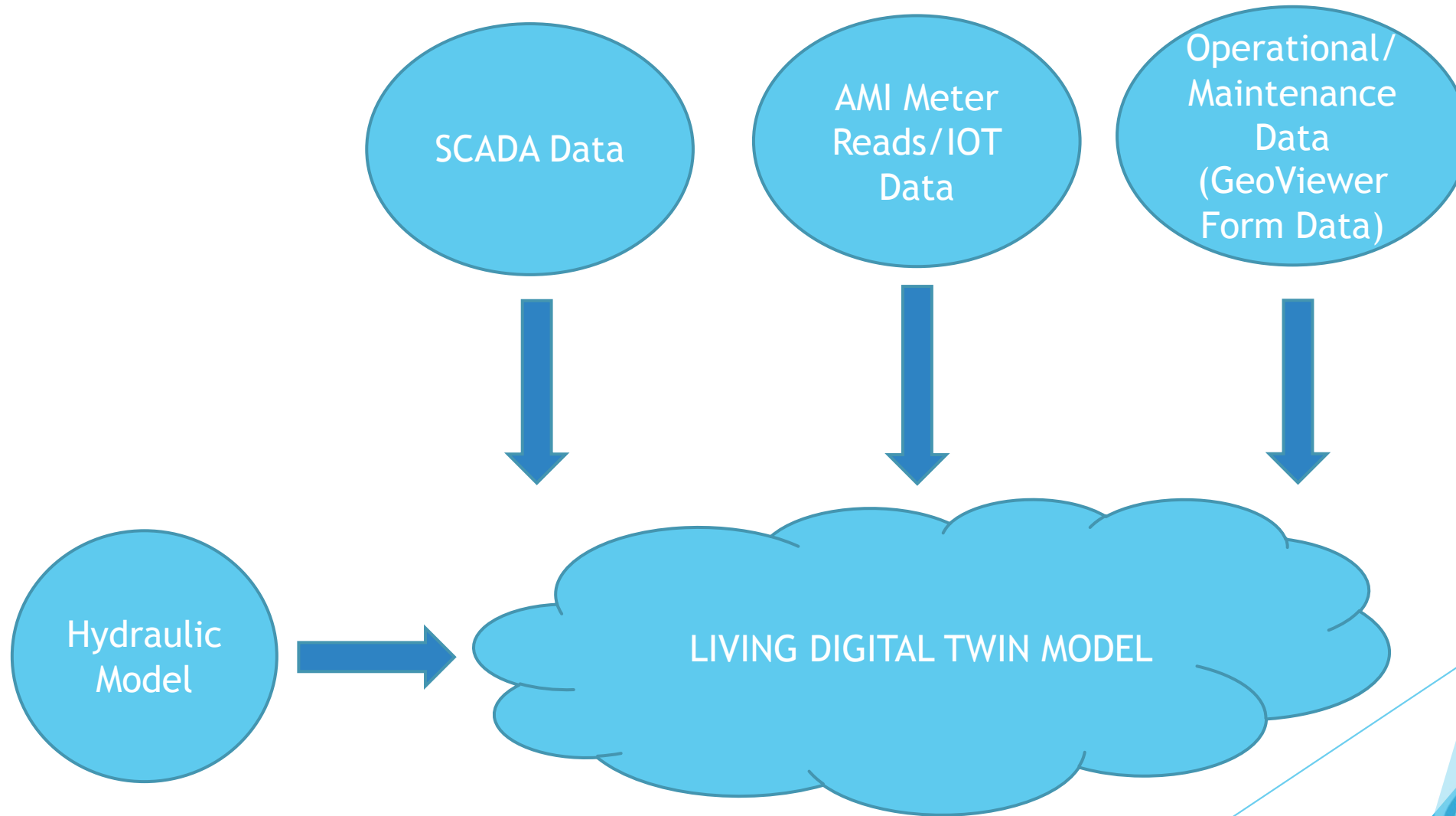
Solution -> Leverage existing datasets and create a sustainable workflow to improve data driven decision making

New Paradigm - Digital Twin

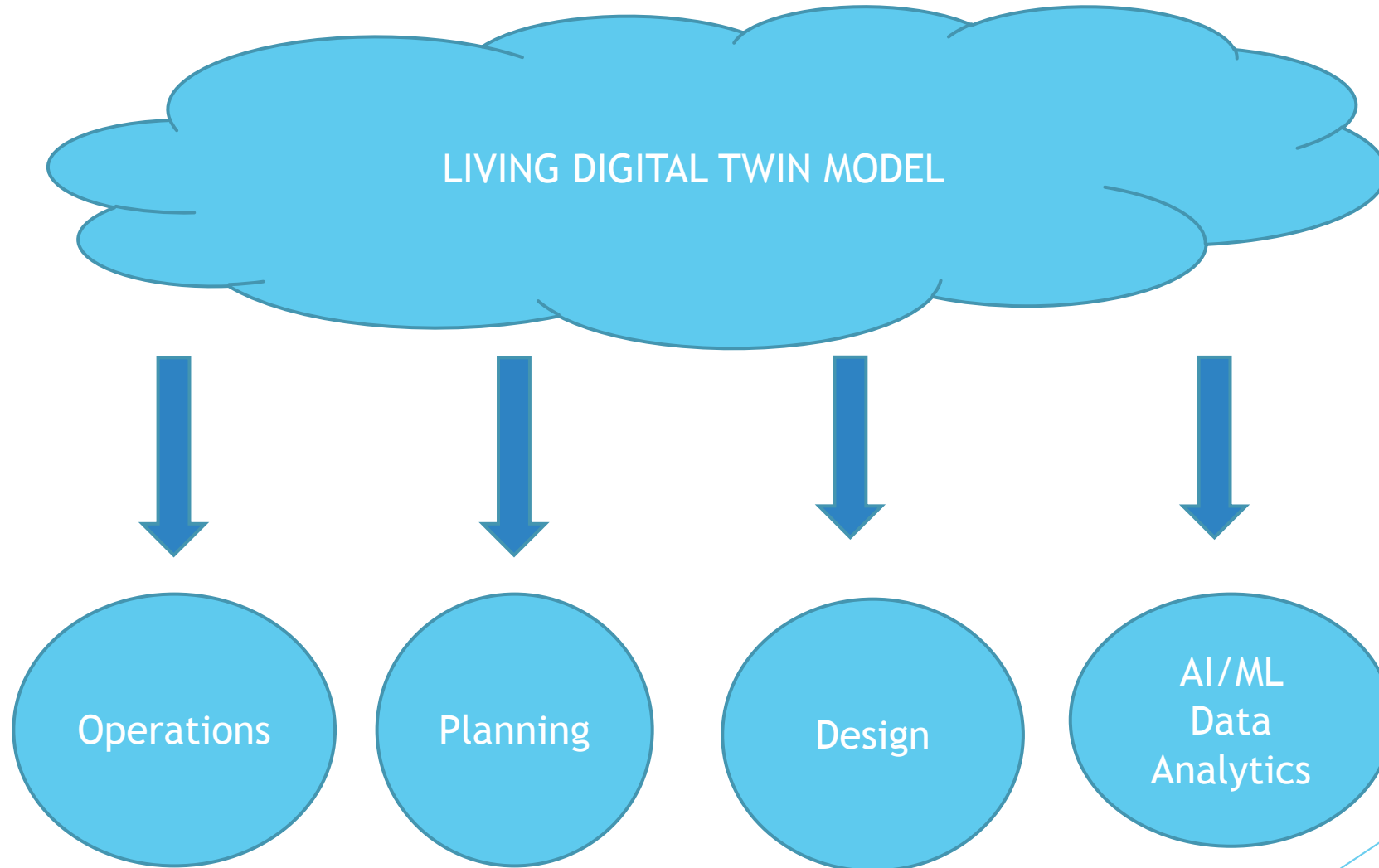
Digital twins are a very powerful strategy that water utilities are rapidly adopting to optimize existing operations & long-term strategic risk management.



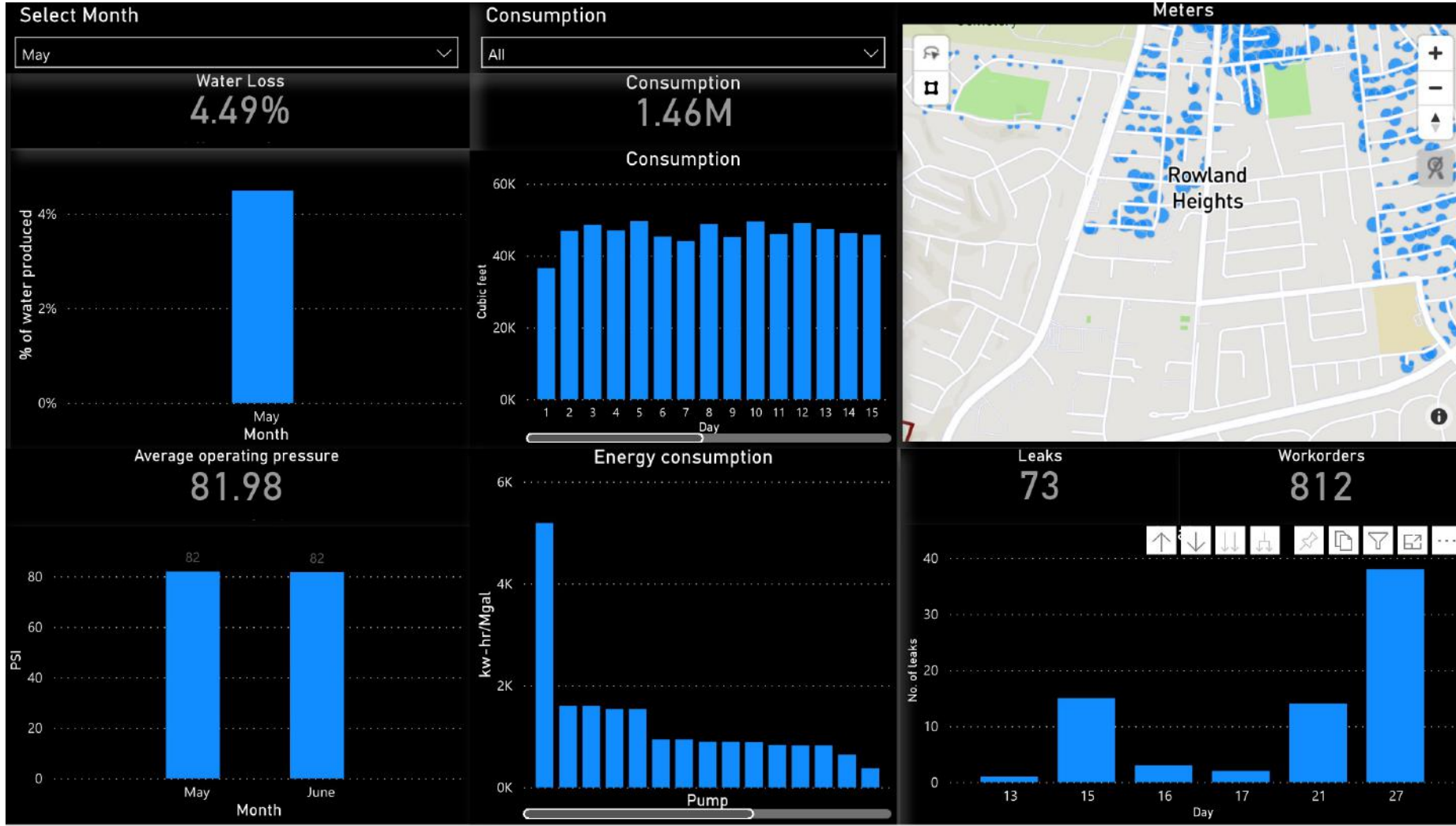
DIGITAL TWIN - INPUTS



DIGITAL TWIN - OUTPUTS/BENEFITS



Operational Dashboard



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