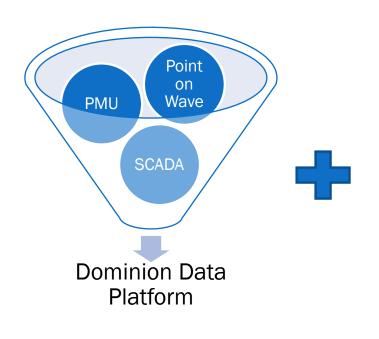
EPG AND UCR SOLUTION: AUTOMATED GRID PERFORMANCE ASSESSMENT

Assess Power System Dynamics using High-Resolution Data

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Identify	Identify natural system modes and forced oscillations and assess characteristics
Classify	Classify oscillations – forced (controllers, equipment, etc.) or natural
Locate	Identify source of forced oscillation events
Assess	Assess and identify IBR performance issues related to impact on grid reliability (including local/inter-area oscillations)
Address	Assess data quality and address data quality issues surfaced with dynamics performance assessment using machine learning and Al techniques
Report	Automatically generate a report with results from the above series of analysis



Data Source

Automated Data Analysis Process for Grid Dynamics Assessment (Oscillations and IBRs) Comprehensive Reports Automatically Generated with Engineering Analysis and Key Findings





