

Continuous real-time situational awareness

◆ Live traffic for the grid

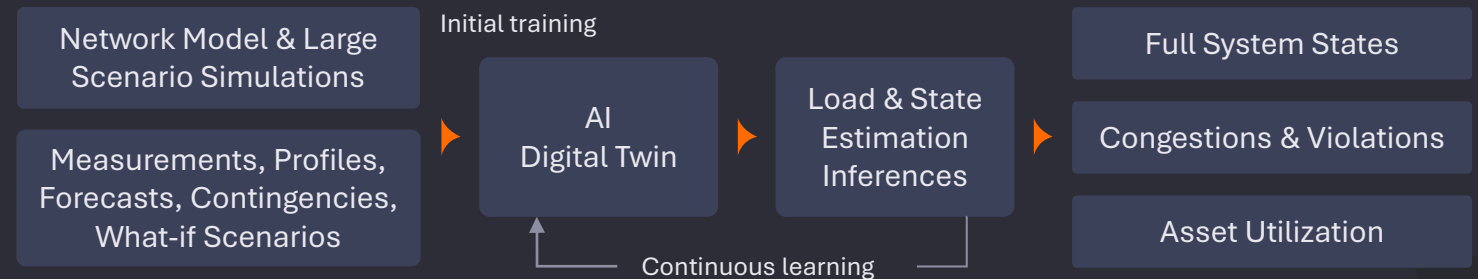


Problem

Distribution power flows are getting more complex and unpredictable threatening system reliability. Meanwhile, grid visibility is low, and measurements vary in time resolution.

Solution

AI power flow model trained large engineering scenario simulations, 3ph AC unbalanced, continuously fine tuned with measurements, and reporting system states with congestion, violations, and asset utilization.



Outcomes



Grid reliability, resiliency & adequacy



Timely & effective decision making



Renewable integration & value



Robust grid investments