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**The Distribution Control Center Operations, Enveloping Field Crews  
and Social Media**

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Advanced Control Systems

**Abstract**

Control center operations for many decades have monitored network security based on real-time telemetry that was leveraged to provide advanced network analysis. The challenge to operators was to intuitively understand what was happening to the network and what to do about it.

Distribution networks have the same operational objectives, but the challenges are different. Often distribution networks in the world do not have SCADA in many of their substations, and far less on the feeders. With little real-time visibility, the need for advanced network analysis in the control center is more critical but the means to achieve it must be more inventive to overcome the challenges.