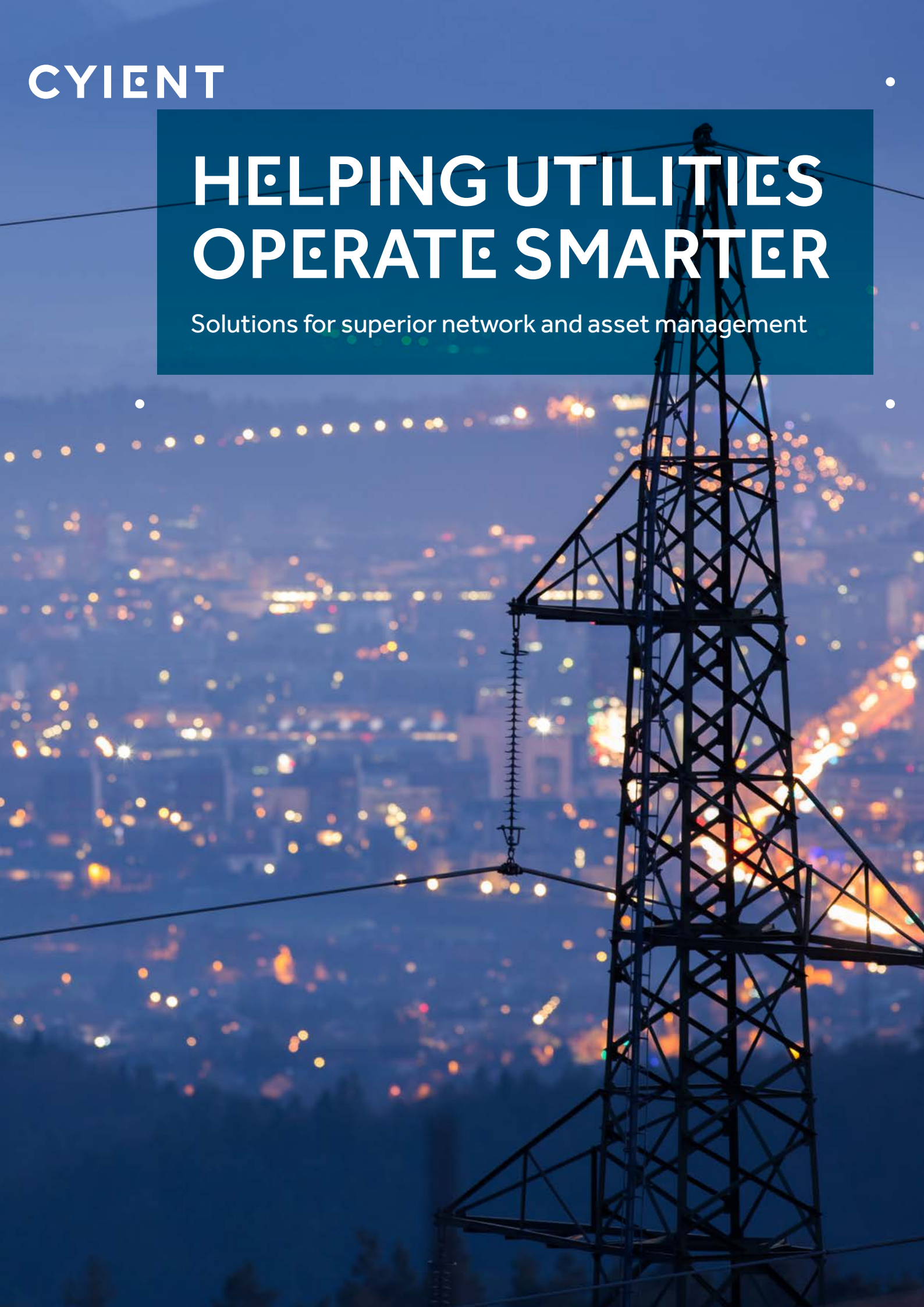


CYIENT

HELPING UTILITIES OPERATE SMARTER

Solutions for superior network and asset management



Overview

Rising energy prices and deregulation are increasingly affecting today's utilities industry. At the same time, consumers expect increased reliability, better quality, faster service, improved performance and greater access to information.

In the past, the transmission and distribution market has been relatively static and slow. However, with the convergence of energy and telecommunication markets, the need to adapt has become inevitable. This has led to the creation of an intelligent utility network - the smart grid.

Smartness of a power grid evolves from the intelligence that is built into the grid. It is dependent on real-time contributions from millions of individual components such as advanced metering infrastructure and other configuration parameters captured through various IT systems.

While these components are indispensable to the smart grid, there are fundamental limitations to the benefits that can be individually provided to the consumer or the utility when the volume of data increases significantly.

Cyient's solutions help unlock the value in a smart grid operation by ensuring that all components work together seamlessly.

Beginning the Smart Grid Journey

As a first step, utilities need to assess the state of readiness of the rollout. The Smart Grid Maturity Model (SGMM) provides a framework for assessment and sets the stage for implementation of smart grid technologies.

Being a licensed partner of SEI, which hosts SGMM, Cyient can help utilities plan their smart grid journey, prioritize options and measure progress.

KEY HIGHLIGHTS

Worked on aligning geospatial information to realize smart grid vision of several major investor owned utilities on the west coast of the USA

Provided GIS roadmaps to utilities in Europe, Southeast Asia and Australia for enterprise solutions data modeling, upgrade, migration and implementation

Proven integration skills in GIS, MDMS, OMS, DMS and SAP

Our 15+ million hours of experience in utility distribution infrastructure solutions helps utilities get a comprehensive and accurate picture of spatial data representing their network assets

Managing Big Data

In order to build a smart grid that is self-healing, optimized and robust, it is foundational to establish a single source of truth for all the information.

This activity is fundamental to handle the huge volume of data generated by various systems and components.

Cyient, with its rich industry experience, can help utilities in building the necessary foundation to manage big data.



Service Offerings

Smart Grid

- Smart data services
- Glue services
- Meter data integration solutions
- Communication engineering solutions
- SGMM navigation

IT Systems (GIS, OMS, MOBILE)

- Consultancy
- Data management
- Solution design and implementation
- Testing
- Training
- Managed services

Operational Systems (SCADA/DMS)

- Consultancy
- Data management
- Solution design and implementation
- Testing
- Training
- Managed services

Solution Offerings

- Big Data and Analytics
- Disaster Operations Management (DOME)
- intelligent Asset Information Management Solution (iAIMS)
- intelligent Data Management Solution (iDMS)
- Internet of Things (IOT)
- Smart Cities

Our Value Proposition

- Proven ability to implement IT and OT systems that support smart grid
- Robust processes to scale operations at a rapid pace
- Proprietary tools (TruShift™ and iGEMS™) to automate data processing and minimize delivery time
- Specialist skills across leading GIS platforms that include SmallWorld, G/Technology, ArcFM, MicroStation and AutoCAD

About Cyient

Cyient (Estd: 1991, NSE: CYIENT) provides engineering, manufacturing, geospatial, networks, and operations management services to global industry leaders. We leverage the power of digital technology and advanced analytics capabilities, along with domain knowledge and technical expertise, to solve complex business problems. As a Design, Build, and Maintain partner, we take solution ownership across the value chain to help our clients focus on their core, innovate, and stay ahead of the curve.

Relationships lie at the heart of how we work. With more than 15,000 employees in 22 countries, we partner with clients to operate as part of their extended team, in ways that best suit their organization's culture and requirements. Our industry focus spans aerospace and defense, medical, telecommunications, rail transportation, semiconductor, utilities, industrial, energy and natural resources.

For more information, please visit www.cyient.com

Contact Us

North America Headquarters

Cyient, Inc.
99 East River Drive
5th Floor
East Hartford, CT 06108
USA
T: +1 860 528 5430
F: +1 860 528 5873

Europe, Middle East, and Africa Headquarters

Cyient Europe Ltd.
The Space Holborn
235 High Holborn
London WC1V 7LE
UK
T: +44 20 7404 0640
F: +44 20 7404 0664

Asia Pacific Headquarters

Cyient Limited
Level 1, 350 Collins Street
Melbourne, Victoria, 3000
Australia
T: +61 3 8605 4815
F: +61 3 8601 1180

Global Headquarters

Cyient Limited
Plot No. 11
Software Units Layout
Infocity, Madhapur
Hyderabad - 500081
India
T: +91 40 6764 1000
F: +91 40 2311 0352

utilities@cyient.com