

A technology-partner that truly believes in innovation, open standards, and system interoperability. Established in 1993, ZIV has been committed from the outset to crafting solutions rooted in open standards. Our strategy revolves around fostering interoperable and cyber-secure solutions, recognizing their pivotal role in facilitating a seamless digital transition that meets the ...

This advancement carries the potential to accelerate the implementation of AI-driven grid automation, aligning with decarbonization targets and surging electrification demand while effectively managing climate-induced disruptions. Scott Reese, CEO of GE Vernova's Digital business, emphasizes the significance of unified data integration, stating ...

Boston, Massachusetts - September 26, 2024 - Teledyne DALSA, a Teledyne Technologies [NYSE:TDY] company and global leader in machine vision technology, is pleased to announce its next generation AI-powered BOA(TM)3 smart camera for industrial automation and inspection.. The new BOA3 smart camera is designed to leverage the best features from ...

Towards a self-healing, fully automated grid. Smart and embedded systems that combine distribution management systems, advanced metering infrastructure and data from substation gateways to shape the grid similar to the internet, with the ability to self-diagnosis and self-healing - that's the vision of many in the smart grid industry.

Grid Automation REC615 and RER615, IEC 61850 Ed2 Tissues Conformance Statement (TICS) (en - pdf - Technical description) Grid Automation REC615 and RER615, IEC 61850 Conformance statement (PICS) (en - pdf - Technical description) Grid Automation REC615 and RER615, IEC 61850 Protocol Implementation (PIXIT) (en - pdf - Technical description)

GE Vernova provides GIS solutions from 50 kV to 800 kV, along with secondary products to maximize switchgear and network operation. The portfolio includes a full range of SF6 GIS as well as g3 (SF6-free) GIS at 145 kV and 420 kV ...

Red Hat Data Grid increases application response times and allows developers to dramatically improve performance while providing availability, reliability, and elastic scale. Red Hat Data Grid is fully compatible with your existing data tier and provides platform-independent access to applications through tested and secure APIs such as HotRod ...

Find Reliable Industrial Automation Products from Top Manufacturers. Explore a wide selection of automation equipment, including PLCs, sensors, and control systems, from trusted brands like Siemens, ABB,

and Schneider Electric.

It is no secret that grid upgrades are essential for the energy transition. Eurelectric's latest report, Grids for Speed, argued that Europe needs to boost grid investments from an average of EUR33bn (\$35.79bn) to EUR67bn ...

The Innova TM SCM21001 system-on-module (SoM) from Silicon Power Corporation was developed as an embedded computing platform specifically for electric grid automation applications. The SCM21001 SoM boasts a real-time DSP subsystem, featuring a Texas Instruments dual core digital signal processor (DSP) and an Intel field programmable gate ...

GE Vernova grid solutions business grid automation chief technology officer Claudia Cosoreanu stated: "We are dedicated to providing cybersecurity products, solutions and services that help our customers protect ...

GE Vernova's Grid Solutions business electrifies the world with advanced grid technologies and systems, enabling power transmission and distribution from the grid to homes, businesses, and industries efficiently and reliably.

The global surge in electricity consumption has created a dire need for smart, adaptive power grids. One company committed to providing smart grid technology solutions is Kalkitech. Founded in 1998, the company has developed a prolific technology portfolio of products for power generation, transmission and distribution.

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A report published by the UN Office for Disaster Risk Reduction in October 2020 analysed the number and severity of extreme weather events between 1980 and 2019, and arrived at startling results. A total of 4,212 natural disasters took place worldwide between 1980 and 1999, killing 1.19 million people, impacting 3.25 billion and causing around \$1.63trn in ...

With optimised service continuity being a strategic issue for Distribution Grid Managers, grid automation solutions are an effective response to this issue. CAHORS grid automation ...

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