

Lithuanian SME offers automatization technology for electrical energy distribution grid

- **SCHEDA**
- **APPROFONDIMENTI**

Identificativo proposta: TOLT20210211001

RICHIEDI MAGGIORI INFORMAZIONI

A Lithuanian SME offers remote monitoring and control technology for energy grid digitalization. The technology is particularly suitable for automation projects in Low and Medium Voltage networks. The devices hold key advantage due to their compact size, cybersecurity level, versatility in offered functions and supported protocols. The manufacturer is looking for existing automation projects or to start partnerships globally in commercial agreement with technical assistance or license agreement.

Lithuanian SME is a spin-off of a large and long-lasting electrical engineering company. The SME is a manufacturer of automation hardware and software that is specifically designed for energy and manufacturing industry sectors. Manufacturer offers a remote monitoring and remote control technology that is applicable in electrical energy objects and in factories. The technology consists of hardware: remote terminal unit (RTU) devices, data loggers and input/output modules; and a cloud platform which allows for real-time monitoring and control of the objects. The hardware combines multiple functions: RTUs operate as data loggers, distributed programmable logic controller (PLC) devices, a switch, and a router. Devices further incorporate strategic cybersecurity features and functions for network redundancy. Devices support all key energy protocols (IEC101/103/104, IEC61850, DNP3, Modbus, and others). The technology is ideal for applications in secondary - low and medium voltage - substations. Potential targeted projects - to automate secondary transformer substations, ring main units (RMUs), reclosers, outdoor load break switches (LBS) with remote control, sectionalizers or projects with metering data. The technology is also applicable in renewables power plants for monitoring and control, and also in factories for efficient electrical energy consumption. The products already have established markets in European Union, Middle East and South East Asia. The manufacturer is looking for partners in projects and tenders by distribution network operators, or to upgrade already established projects with the technology. Manufacturer is offering commercial agreement with technical assistance or license agreement.

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