

Digital Reach Pvt Ltd Gateway is a protocol converter and data concentrator, that can be deployed in your existing utility automation, sub-stations automation, industrial automation, remote monitoring, RMU automation, pole top RTU's and AMR applications. It can be used to integrate your existing IED's in sub-station to the newer standard protocols. The DRPL supports protocols like IEC 60870-5-101, IEC 60870-5-104, IEC 60870-5-103, DNP3, IEC 61850 and other protocols.

## APPLICATION

### Substation Automation

- Substation automation and IEC 61850
- Supports multi-vendor IEDs and protocols
- Support for IEEE C37.118 for PMU data integration

### Distribution Automation

- Implement Distribution Applications over public networks with secure VPN support
- Mobile to Mobile Gateway Support Network Management
- Support ICCP/TASE.2 and many proprietary protocols for control centre integration

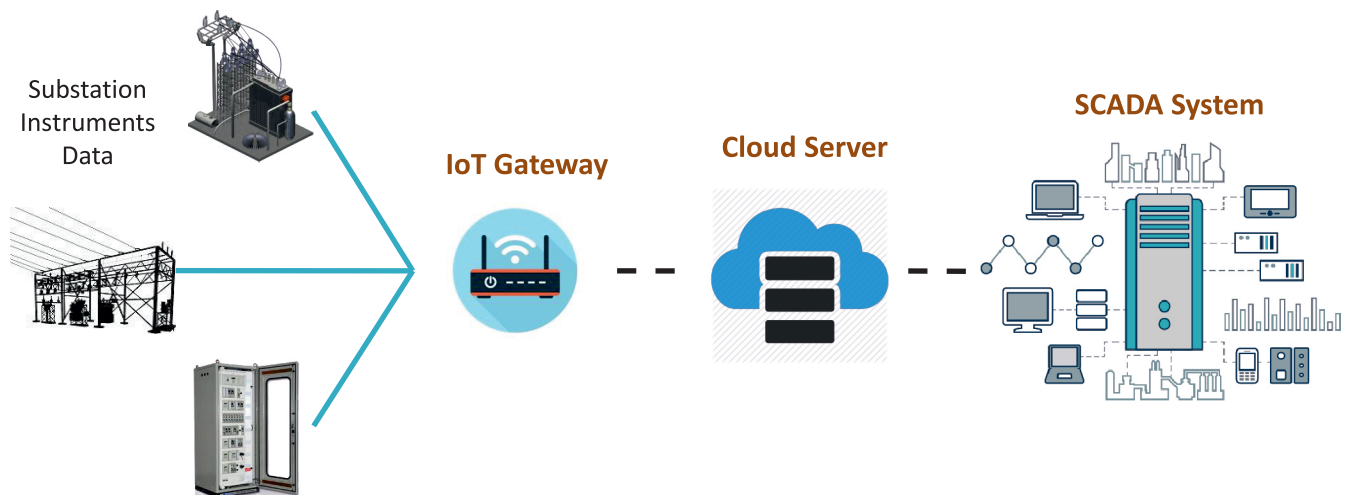
### Smart grid applications

- Metering and utility automation protocols supported
- I/O Support for control signals integration
- Integrated GSM/GPRS Support
- Data concentration capability
- SSL Based VPN (Virtual Private Network) architecture supported

## FEATURES & BENEFITS

- Currently supported protocols: DNP 3.0, IEC 60870-5-101 (balanced and unbalanced), IEC 60870-5-103, IEC 60870-5-104, SPA-bus, ModBus
- Easy and intuitive visual creation of test scenarios - no script language to learn
- Inexpensive tool for communication system testing, cheaper and easier to use than SCADA system
- With separate Data View window presenting real-time status of application data
- Fully configurable behaviour of master station including requests, responses, time dependencies, user actions etc. - unique features compared to competitive tools available on the market
- Fully configurable behaviour of slave station including data space definition, automatic and manual data changes, generation of events, time dependencies etc. - unique features compared to competitive tools available on the market
- Possibility of introducing several types of message errors and deviations from protocol procedures
- Support of serial communication over RS323 lines, also with RS485 and optical converters
- Serial baud rates up to 115200 bps
- Support for modems/3G gateways
- Support of communication over TCP/IP/Ethernet

# IEC 101-104 Converter



## ABOUT US

Digital Reach is an IoT based solution company. We are experts in combining technical knowledge and insights from our extensive experience in the field to create Internet of Things (IoT) solutions, with our strong focus on innovation and integration with customer domain expertise. We create monitoring and control products and solutions that improve processes and services for our customers.

With our expertise is in embedded hardware development, embedded software development, system integration and project execution, in everything we do, we apply our values of respect and honesty through a commitment to teamwork and a high degree of responsibility to our customers, not only to satisfy but also to exceed our customer's expectations.



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