

# PRODUCTS FOR CLOUD BASED COMMUNICATIONS

## Modem for cloud-based communication - ST 11

**USP: IoT Gateway suitable for remote monitoring and automation.**

Manas Microsystems is manufacturer, supplier and exporter of various types of flow meters with IoT suits. We use IoT Gateway suitable for remote monitoring and automation. This Gateway has the capability of integrating seamlessly with almost every sensor globally where it

periodically collects the data from sensor and communicates with cloud real time. It is completely customizable where we can add peripheral add-ones enabling it to cater to the most complex requirements.

### Features

- Real time data visibility with real time alerts
- Insight driven decision
- Reduced operational downtime
- Forecasting and predictive maintenance
- Elimination of Transmission and distribution Loss
- Improved operational efficiencies
- Very simple to install, just plug and play

### Applications

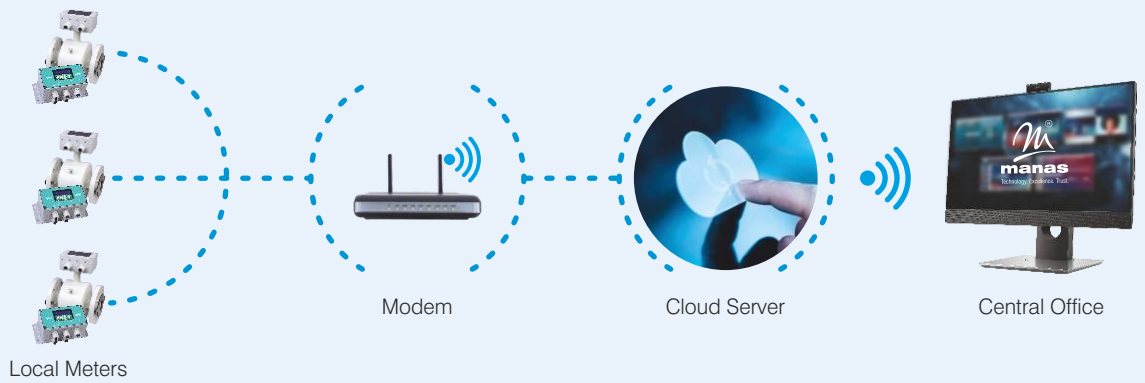
- Water flow monitoring
- PLC monitoring
- Irrigation systems
- Water distribution networks in cities and towns
- Industrial water distribution and control
- Effluent monitoring

**Note : For detailed technical catalogue scan the QR code**



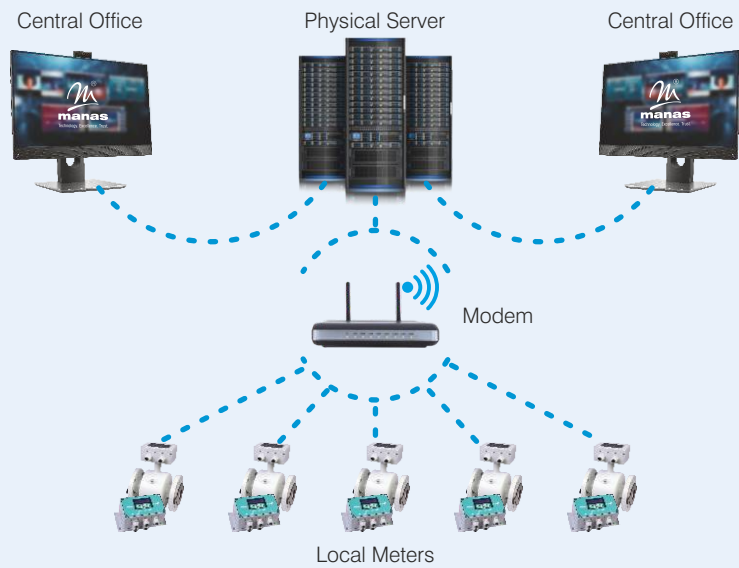
### Cloud Server

- Server located on cloud
- Client Software accessible through cloud
- User accounts



### Dedicated Server

- Modems
- Physical Server
- Static IP
- Client software for data acquisition and data analysis
- User Accounts



### Flowmeter data sharing to central server

- Remotely reads data from flow meters and then transfers the data to Central server / cloud
- Reduce the need for meter readers to manually gather utility meter readings each month

