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3BIG-MOD

3 BAND LPWAN MODEM

3BIG-MOD is a certified cellular LPWAN modem to transfer data (e.g. sensor, production-data) via LTE Cat-M1, LTE Cat-NB1/NB2 and EGPRS network. The 3BIG-MOD is a suitable product to realise IoT developments or upgrade existing products with cellular IoT technology. The data can be sent with standard protocols to be managed and displayed. Since the modem is already certified, no knowledge in high-frequency technology development is required, so that a fast time-to-market can be realized.

Technologies & Features

- LTE CAT-M1 / CAT-NB2
- 2G / EGPRS Fallback
- Optional GNSS
- UART interface
- Supported protocol stacks: PPP / TCP / UDP / SSL / TLS / FTP(S) / HTTP(S) / MQTT / CoAP / LWM2M
- Integration support

Use Cases

- Sensor to Cloud connection
- Predictive Mainanance
- Data-logging
- Tracking
- Machine-to-Machine Communication
- Device Management and Controlling

Applications

- Smart City
- Smart Building
- Factory Automation
- Energy Management



