Crevavi

Crevavi Konnect (IoT)
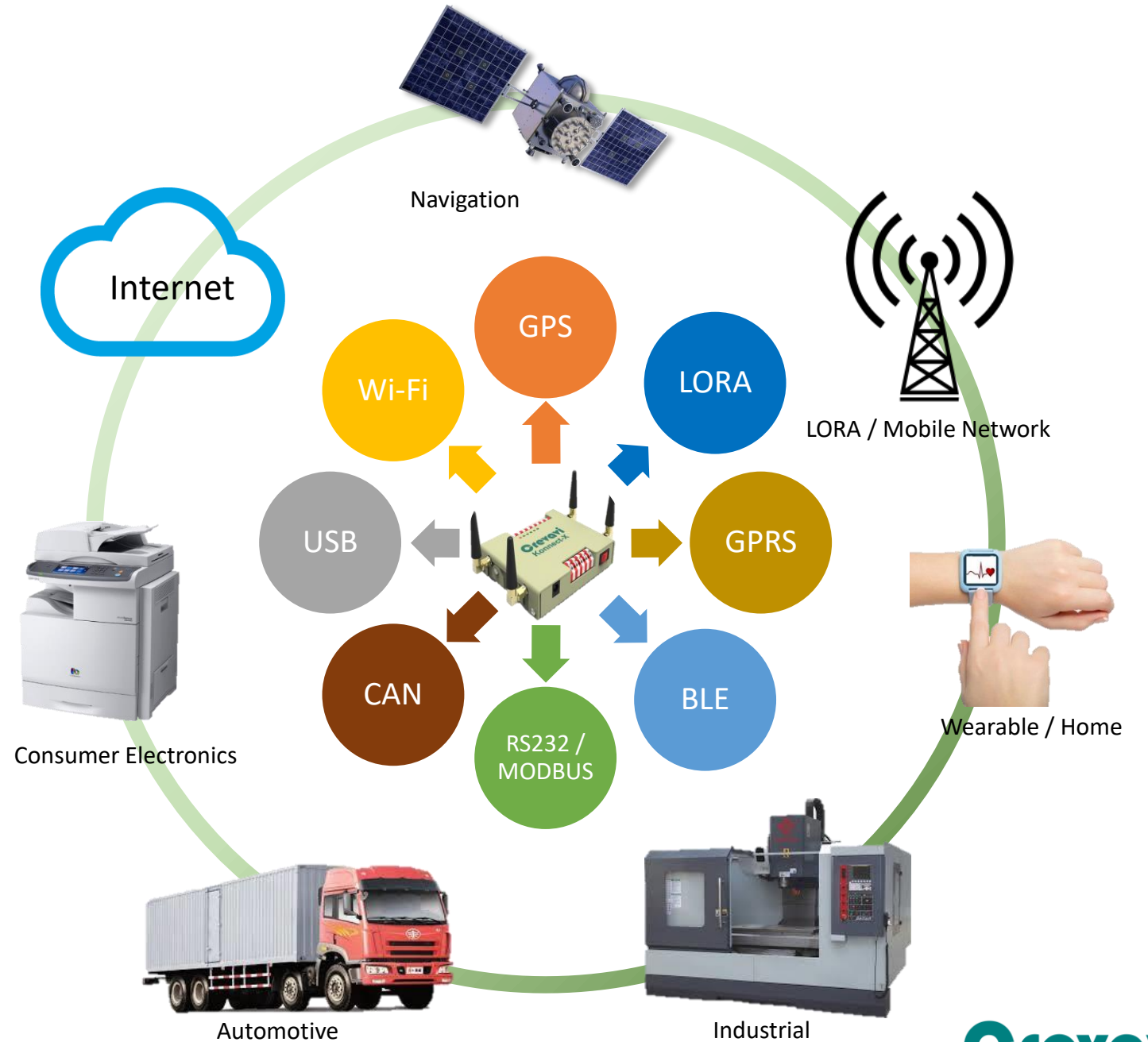
Success Stories

IoT Offerings

- Upstream
  - GPRS
  - Wi-Fi
  - LORA
  - Bluetooth
  - GPS

- Downstream
  - CAN
  - RS232, Modbus
  - USB
  - Custom Digital / Analog Sensors
  - Bluetooth

Navigation

Internet

GPS

Wi-Fi

LORA

LORA / Mobile Network

USB

GPRS

CAN

RS232 / MODBUS

BLE

Wearable / Home

Consumer Electronics

Automotive

Industrial

Crevavi

Domains

- Decades of industry experience in developing embedded products for Machine-to-Machine communication, and IoT domain

- Proven products in the domain of
  - Industrial IoT
  - Telematics, Automotive OBD-II
  - Home Automation
  - Consumer Electronics
  - Solar charging, monitoring
  - Robotics

Case Studies

Crevavi
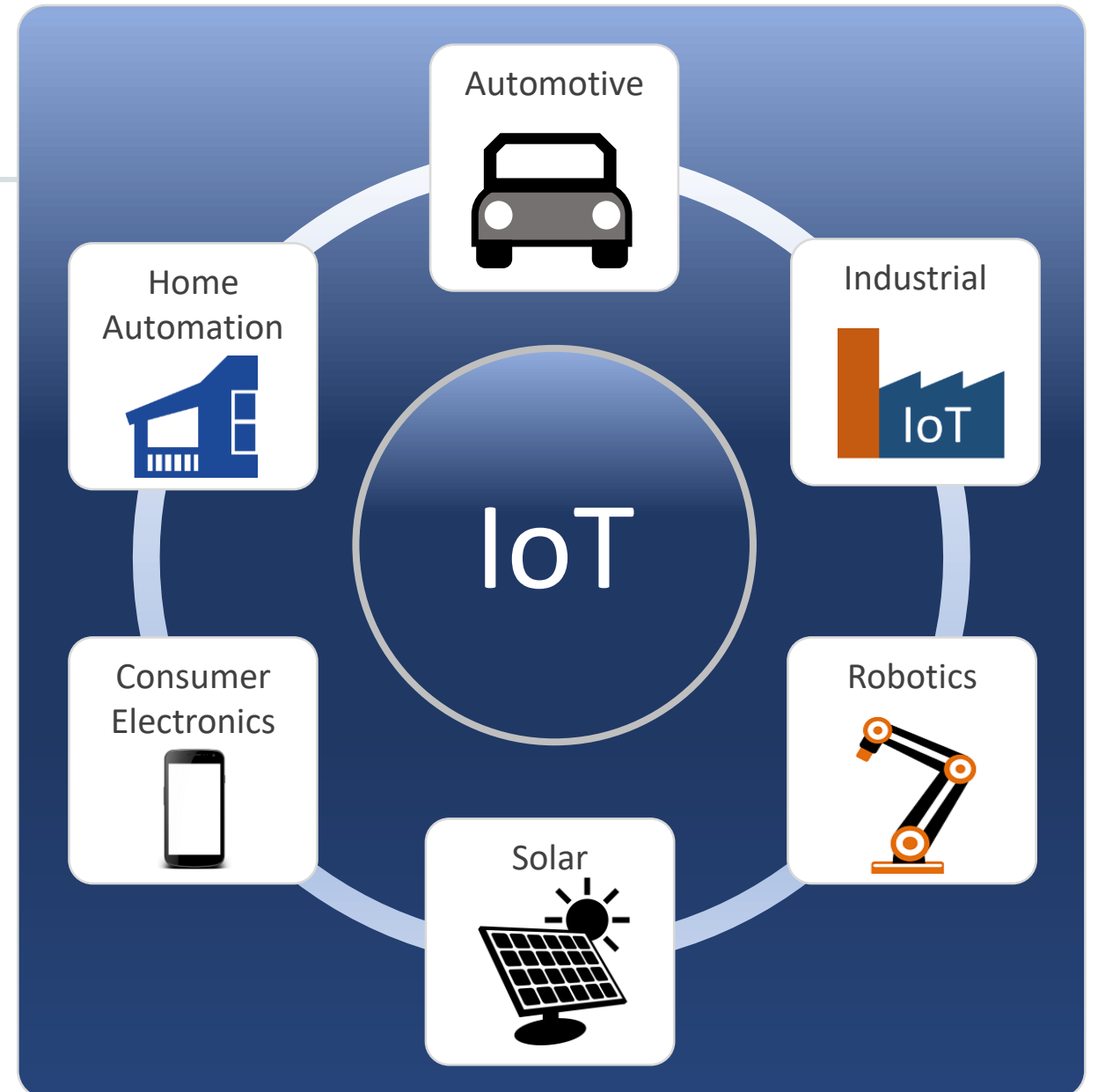
Konnect-Wi (Industrial IoT)

Power Meter Monitoring

- Modbus interface to read electric meter readings
- Sends data through Wi-Fi (MQTT) to a local server
- User monitors voltage, current, power consumption of multiple meters from a central server

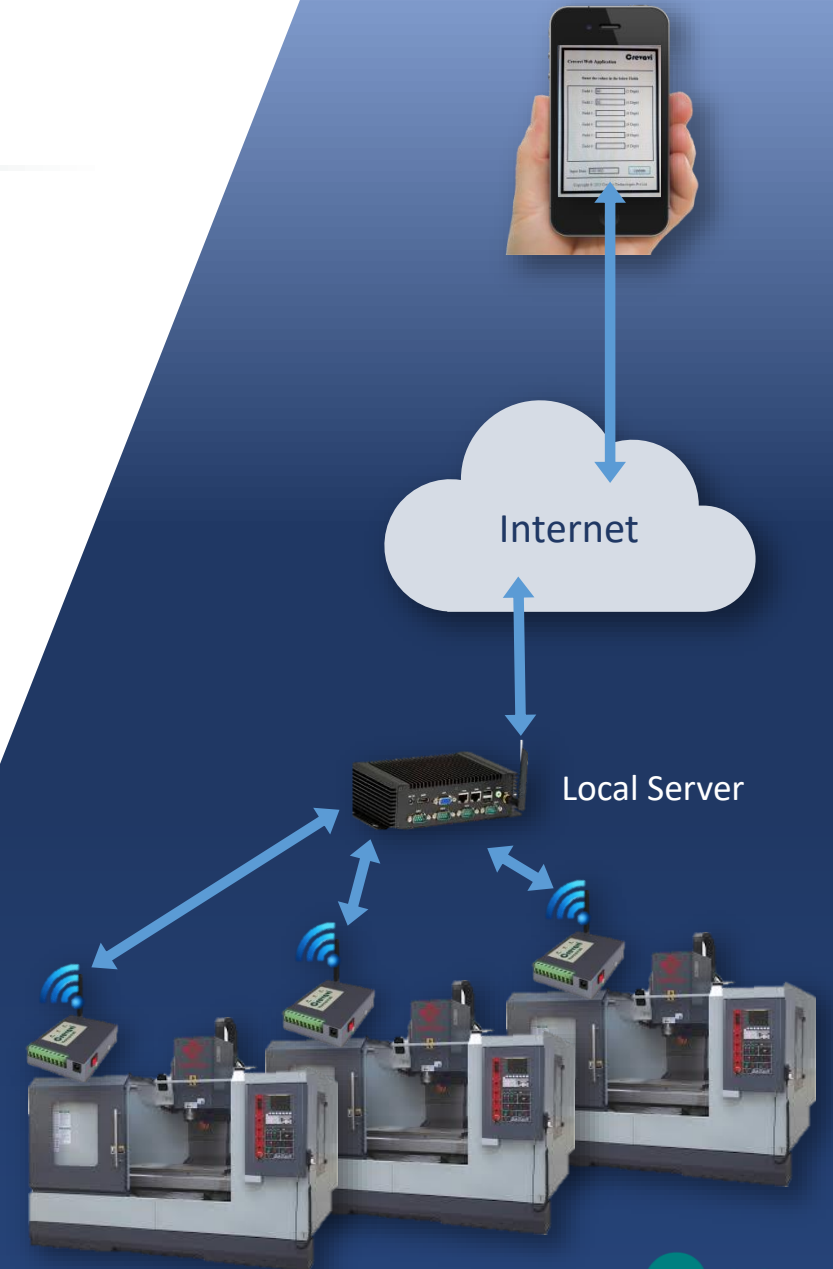Customer: ITC

Level sensor Monitoring

- Analog 4-20mA input from level sensor
- Sends data through Wi-Fi (MQTT) to a local server
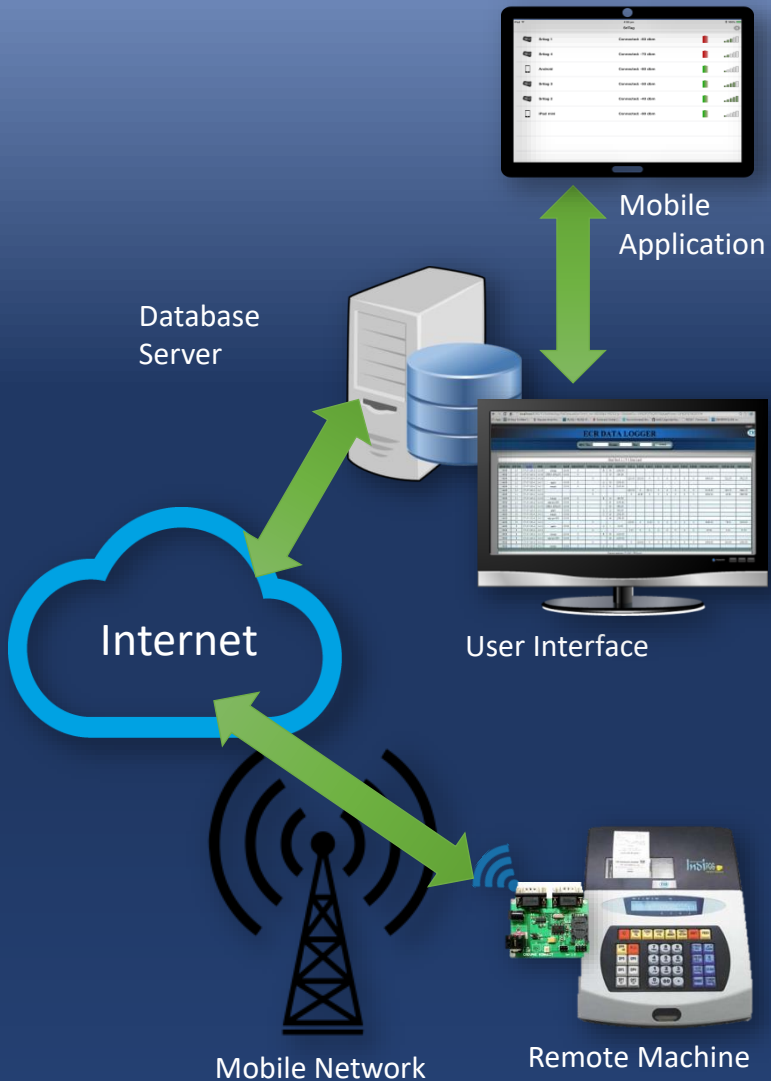
Customer: Machtatz, Sapcon

Industrial equipment monitoring

- Various digital and Analog inputs from switches and sensors
- Connected to industrial printing machines
- Modbus interface with HMI device

Customer: Alteem

Internet

Local Server

Crevavi

Konnect-B (Industrial IoT)

Compressor Monitoring
- Modbus interface to read Compressor parameters from HMI
- Sends data through GPRS (HTTPS) to a SAP HANA server
- User monitors voltage, current, pressure, temperature of the machines

Customer: Bosch

POS and Weighing Bridge transaction monitoring
- RS232 input from POS and weighing bridge controllers
- Sends transaction data to a central server through GPRS
- Sends SMS to owner on each transaction / as configured

Customer: Orion Automations, TVSE

Multi-Function Printer (MFP) Tracker
- USB host interface to talk to MFP – capture number of pages printed, toner level, errors
- Printer data logged in a central server, and business logic built for billing, support, service.
- Owner can also shut down the printers from server

Customer: WeP Peripherals

Crevavi

Telematics, OBD-II

Konnect-G – Tracking

- GPS location tracking
- Sends data through GPRS (MQTT) to a central server

Customer: Telematics4u

Konnect-SCAN – GPS + CAN (OBD-II)

- CAN interface with vehicle OBD-II port – capture engine information
- GPS for location tracking

Customer: Skanray, Telematics4u

Software development for vehicle access control

- Custom hardware of client for vehicle immobilizer
- Interface with a telematics device to track location
- Interface with engine to immobilize
- GPRS Interface with a central server to authenticate user, mobilize, immobilize
- Bluetooth interface with smart-phone

Customer: Telematics4u

Blueport

Blue-port OBD-II
- CAN to Bluetooth adapter for OBD II diagnostics
- Android application
- Scalable HW and SW to support client specific configurations
- Compact and sleek form-factor

Customer: Spark Minda

Blue-tag
- Bluetooth Low Energy tags for sensor data acquisition and proximity monitoring
- Android application

Customer: Fourbros

Benefits to target customers: OEMs
- Portable, Configurable, Modular & Flexible design to add/modify features with minimum TTM
- State of the art product at economic cost, low form factor
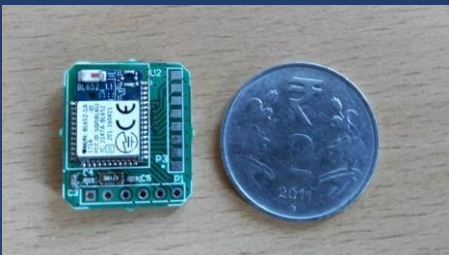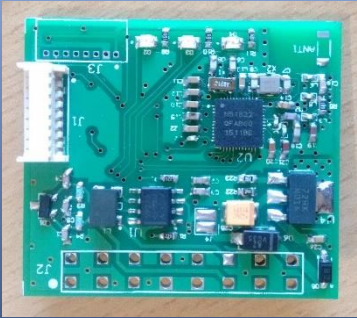
Thank You

- Email: contactus@Crevavi.com

- Phone: +91 821 2518805

- Address:
    - A V Complex (2nd Floor)
    - Plot No. 436-E, Ring Road, Hebbal Industrial Area
    - Mysore – 570016, India

Crevavi