

SMART METERING SYSTEM OF ENERGY MANAGEMENT

SOLUTION DESCRIPTION

The lamp as a convenient form factor to house essential enablers for our Smart Solution offering: Street Lamps; Outdoor Lamps (Park, Beach, Forest); Indoor Lamps (Retail, Hospitality, Manufacturing, Public); Custom Form Factor. Lamp Feature Set consists of: Smart LED, Iamus Bridge (with Service Delivery Framework), 2 channel Wi-Fi (secure M2M / Public), Video analytics (Object Flow, Object Count, Heat map), Charging station, Environmental Monitoring (Temperature, Air Pressure, Humidity, Radiation, Light Intensity, Noise, CO2).

BENEFITS

- **Theft prevention:** Tamper and bypass alarms provide immediate alerts of energy theft. Total meter isolation, to prevent any risk of tampering.
- **Revenue assurance:** Prepayment mode allows for customers to purchase energy credit from local vendors. Customers can be remotely disconnected or limited in their power consumption upon failure to pay.
- **Advanced control software:** Tracks energy use in real time. Separate billing prices for alternative generation.
- **Demand side management:** Allows for strategic load shedding to prevent grid failure and maintain power for crucial customers, such as hospitals.
- **Customer portal:** Allows customers to view energy usage and pre-paid credit through a dedicated website.

ABOUT COMPANY

Iamus is an international software company based in the Singapore, with offices in Munich and Klaipeda. Iamus provides innovative solutions that enable customers to visualize, monitor, manage and optimize their environments to improve quality of life, reduce environmental impact and energy costs.

