![Terranova - Innovations for Utilities logo]

RA & RL78 Ecosystem Partner Solution
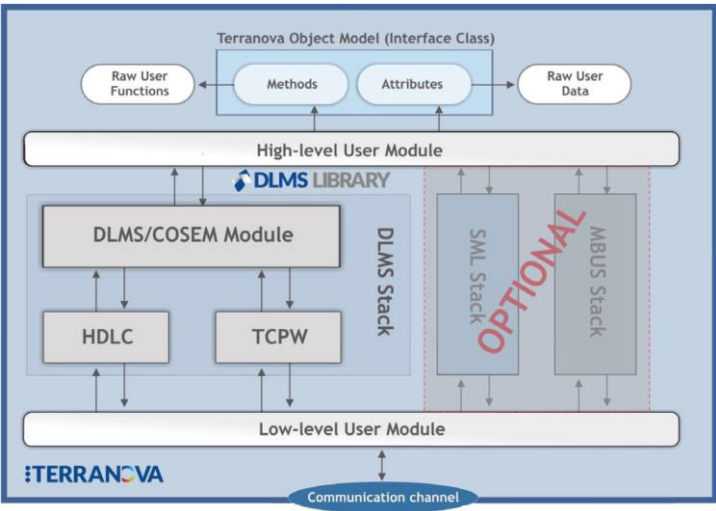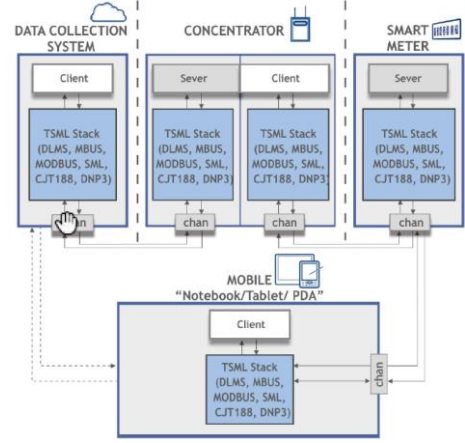# Terranova DLMS Smart Meter Library

![RENESAS PARTNER NETWORK - READY]

Solution Summary

Terranova's Smart Meter Libraries suite is designed for the implementation of some of the more important and widely used communication protocols such as DLMS/COSEM, MBUS, SML. The Libraries can be used for a wide range of applications, but mainly for the implementation of smart metering systems. Out-of-box support is now available for the Renesas RA Family and RL78/I1C MCUs.

Features/Benefits

- Reduced memory requirements
- Drastic reduction of development times
- Conforms to Green Book 10 and Blue Book 14
- Supports Renesas RA and RL78/I1C
- Global support service and training
- Includes definition of the standard OBIS codes and offers the possibility of adding customized ones

Diagrams/Graphics

Target Markets and Applications

- Smart meters (power, gas, water)
- Concentrators
- Head-end systems and mobile applications

terranovasoftware.eu

2022.07

TERRANOVA
INNOVATIONS FOR UTILITIES

1 Mission
To help our customers with **high quality solutions** that exceed market standards and **create value over time**

Team **330**
248 technical and functional area
82 management and staff

41 MILION TURNOVER
IN CONTINUOUS GROWTH

5 Areas of competence in Utilities Market
DISTRIBUTION
SALES **Trilance**
SMART NETWORK
WATER SECTOR
ENVIRONMENTAL SERVICES

300 Clients

10 offices
FLORENCE
VERONA
GROSSETO
MILAN
ROME
TRENTO
MESTRE
BIRMINGHAM
SHANGHAI
TASHKENT

4 partners
Pietro Fiorentini
arcoda INFORMATION TECHNOLOGY
AMBIENTE'IT
hpa HIGH PERFORMANCE ANALYTICS

Energy Distribution
We offer a complete suite of products. This is our core sector where we excel internationally with a large market share.

Energy Suppliers
We offer retailers and wholesalers complete solutions for CRM and billing.

Water
We offer solutions designed to improve efficiency in water distribution.

Smart Network
We offer distribution companies a complete set of tools for Smart Networks.

Environmental
We offer a complete set of solutions to meet the needs of waste management companies.

Our solutions for the global market

TSN

TSG
Smart Grid Management

TPS
Prepayment System

TAMM
Automatic Meter Management

TERRANOVA

SML LIBRARY
DLMS LIBRARY
MBUS LIBRARY
Solutions for Smart Devices

THMI
Mobile Solutions for Smart Meters Management

TWFM
Solutions for Workforce Automation and Maintenance Management