Smart Service Pedestals

TRITON CIES

Elegant design with the highest scalability

Description	• Service pedestal with advanced and intuitive control system • Client-Server working mode • Pre-paid and post-paid mode

User Interface	• High contrast 4x20 OLED display. It shows the connected users, the status of the outlets (on/off), the electricity and water consumption, and the remaining balances • Touch proximity sensor for outlet and maximum amount selection (indicative LED)

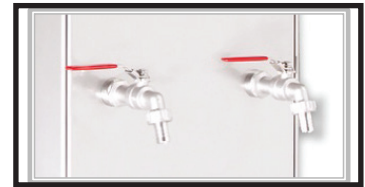|	
Lighting	• Efficient LED lighting • Automatic working mode or programmed time schedule • Manual switching for maintenance

Housing	• 3mm marine grade anodized aluminium • Insulated zones for electricity and water elements • Resistant to marina environment, with stainless screws and accessories • Stainless water pipes and taps with rotary shut-off ballvalve • IP66 sealed and IK10 high protection against mechanical impact and vandalism • Pedestal customization: marina logo, paint color, and optional multiple services according to customer needs • External dimensions (LxWxH): 240x180x1000mm

GSERTEL

Smart Service Pedestals

Electrical Outputs

- Single / Three phase current outputs from 16A – 250A
- CETAC, Marechal sockets
- Individual energy meter for each output. (MID option)
- Contactor switching technology (ON/OFF)
- Magneto-thermal and differential individual protection for each output
- Anti-theft system for electricity, with unplug detection and automatic switching off

Hydrant Outputs

- Water outlets from ½" to 2"
- Individual water meter for each output.(MID option)
- Individual electro-valve for each output (ON/OFF)
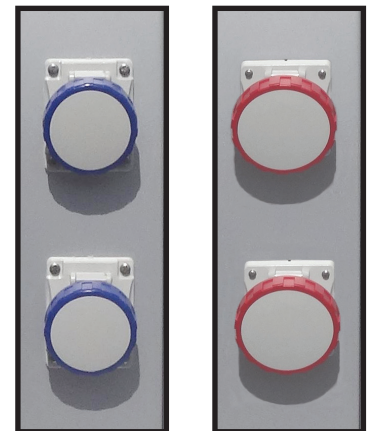- Water connection with shut-off ballvalve

Communications

- Multiprotocol central server communications: Ethernet / Wi-Fi
- Integrated Ethernet switching
- Wireless access point integrated at each pedestal (optional)
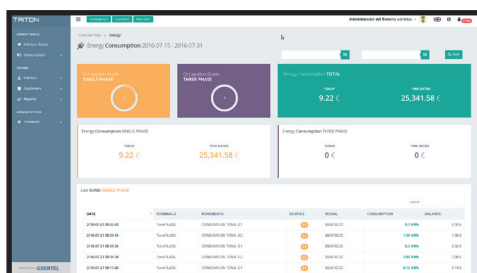- Remote firmware update

Control System

- New generation digital integrated circuitry
- ESD and optical protection against electrical discharges
- Anti-tampering system with individual plug detectors and automatic switching off and user logout
- Automatic reconnection of outputs when a brownout occurs. The system keeps open devices, logged users and balances.
- Customer login using encrypted RFID token or Smartphone/Tablet (option)
- Remote management server for configuration, control and firmware update
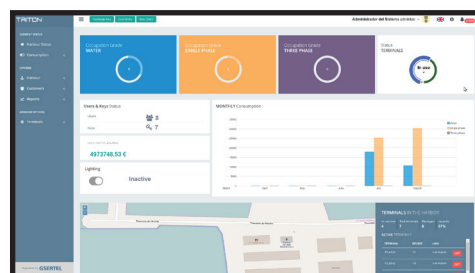- Automatic language switching

Management Application

- Real time monitoring of harbour supplies
- Interactive map for pedestals and supplies management
- User authorizations and cancellations
- Recharging of prepaid cards, balance and credit management
- Activity, consumption and alarm logging
- Automatic billing
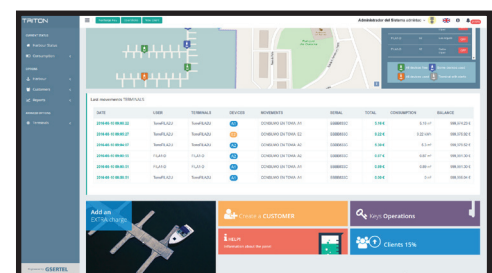- Activity reports and historical

Management Application SGSP

Real-time consumption monitoring

Historical consumptions

Interactive port plan

More information: **www.gsertel.com**   Contact: **info@gsertel.com**   Telephone: **+34 981 522 447**

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