

# DEV I/O

## Data acquisition ...

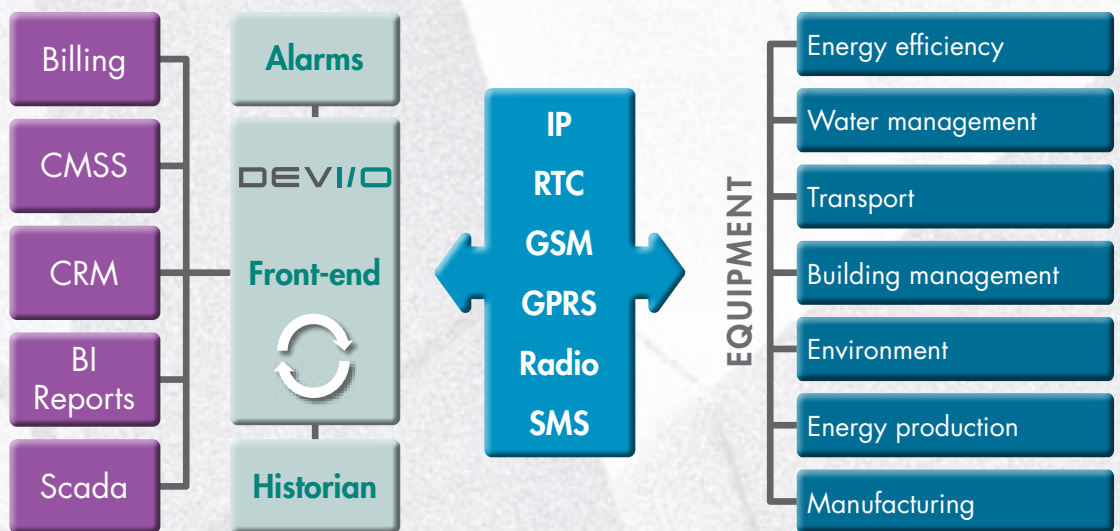
Dev I/O is a front-end for data acquisition that is acknowledged for remote management and supervision. Dev I/O is open software that complies with the market standards, accurately supplying supervisors and information systems with the data they need from a wide range of device distributed in the field.

### ... at the center ...

What makes Dev I/O special is its independency with regard to both applications and equipment manufacturers.

Multi-protocol, multi-channel, multi-client, Dev I/O ensures that the applications remain compatible with all the devices required in different professions.

### ... of any open, scalable system.



- Centralized data collection
- Multi-protocol connection
- Multi-channel communication
- Resource sharing
- Channel redundancy
- Backup channels
- Equipment autodiscovery
- Data formatting
- Cyber security
- Alarm generation

- Algorithms - Abacus
- Data routing
- Data persistence
- Data aggregation
- Inhibition
- Scheduling
- Time zones
- Data archiving
- Multi-application
- Server parallelism

- High availability
- Hot redundancy
- Published API - Dev I/O Studio
- Integrated configurator
- Simulator
- Full traceability
- OPC DA / UA compatible

Test bench  
Acquisition  
Traceability  
Remote management  
Trends Gateway  
Remote Surveillance  
Multi-protocol  
Command MES  
Cybersecurity  
OPC Server  
Loggs  
Alarms  
Supervision  
Operation  
Protocols TRS  
SCADA  
Remote Maintenance  
Multi-channel

# DEV I/O

## Exchange interfaces

- ACS DOMINNO
- ADVANTECH
- AXIS
- BACnet
- CAREL
- FTP and FTPS client
- TP and HTTPS client
- DANFOSS
- XML file
- IJINUS
- LACBUS RTU (Sofrel)
- LACBUS SMS (Sofrel)
- METTLER (scales)
- MODBUS/JBUS RTU master
- MODBUS TCP/IP master and slave
- NAPBUS (Napac)
- NICE
- OPC client and server
- PC TEXT
- PERAX
- PERAX SMS
- PRIMAYER
- SIGFOX
- SINTONY
- SMS
- SNMP Agent and Manager
- SOFBUS (Sofrel)
- SOFBUS SMS (Sofrel)
- SQL
- TBOX (CSE-Semaphore)
- TRAYVOU (scales)
- TREND
- TRSII (Wit)
- Uni-Telway (Schneider, Num)
- VISOGYR
- XIP (Schneider, NUM)
- ...

## Connection interfaces:

- Modem, TAPI modem, RAS, GSM, GPRS modems
- IP, Radio, local bus, RS232 networks
- Shared incoming and outgoing connection resources
- Fall-back connections

## Interface with Applications:

- OPC DA / UA server
- Data integration with SQL base
- Interface via XML files
- Specific interfaces with IS, CMSS

## Performance:

- Unlimited multi-server version
- Solution with virtual capability
- Integrated watchdogs
- Hot redundancy

Can be supervised thru SNMP as other servers or routers

**Technilog**, founded in 1985, is a major player in communication solutions for industrial applications. Technilog is a vendor of application software for the acquisition and processing of data. Technilog's offering is built around the Dev I/O product with the WebAlarms, SAF, Track'n View, Vigilia, and other solutions. Technilog has embodied its deep professional expertise in these products and in the associated services.



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