

Middleware

Integration Software

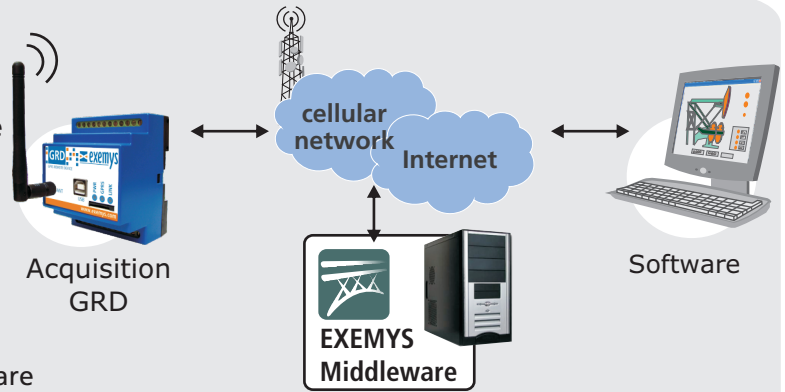


Middleware

is a software application whose goal is to administrate and control the Exemys Cellular Telemetry System. It is free software that is provided together with the remote acquirers of GRD.

The application is installed in a server type computer and requires very little process potency, running only as an operative service system.

The function of Middleware is to interact with the acquirers of GRD as with the application of visual software of recollected information and of system configuration.



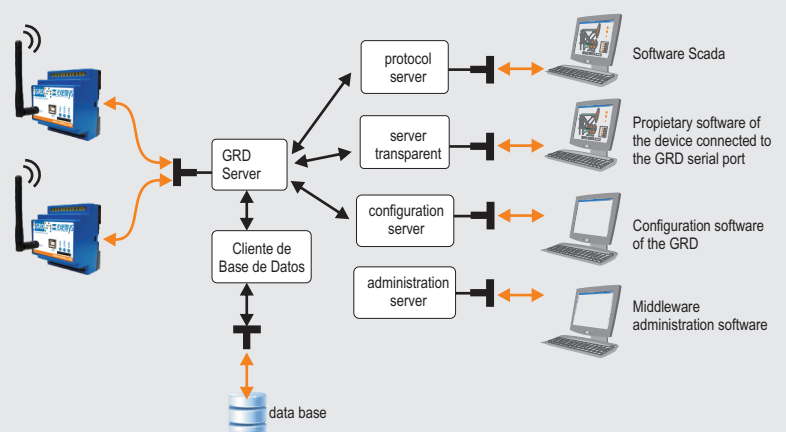
- The works Middleware achieves are the following:
- Allows configuring in remote form to GRD acquirers
- Monitors the general functioning state of the GRD
- Feeds all the appropriate information to a database of the GRD
- Converts and Demultiplexes communication protocols (Modbus, IEC101 y DNP3)
- Connects with the remote serial ports of the GRD



Internal Scheme

Internally, the Middleware is composed of different blocks of software and each of them achieves a specific function. The functions are:

- Device Server GRD
- Protocol Server
- Transparent Server of Serial Ports
- Configuration Server of the GRD
- Middleware Administration Server
- Client of Database



SISTEMA DE GESTIÓN ISO 9001:2008

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