
Network Management

Support of the device management functionality typically requires a lot of efforts.

It's necessary to choose proper management interface(s) (or design a private one), implement some management core which should process requests received via these interfaces, support the protocols corresponding to interfaces, etc. You shouldn't forget about system configuration consistency, reliability and safety, take care of the correct configuration save/restore and standard conformance.

We have a very good expertise in many areas related to network management.

We participated in implementation such management interfaces as

- WEB interface
- Command Line Interface (CLI)
- Remote Procedure Call (RPC)
- Standard and private network management protocols

We have experts in standard management protocols and frameworks:

- SNMP v1/2/3
- TR069
- CMIP
- CableHome

We're able to define a management model and management application(s) architecture on the base of standard management protocols requirements as well as capabilities of your device.

We can create a MIB according to SNMP v1/2 requirements or in any other format required by a customer.

We have experience in embedded device management and are able to optimize the management code by size, dynamic memory usage or performance.