



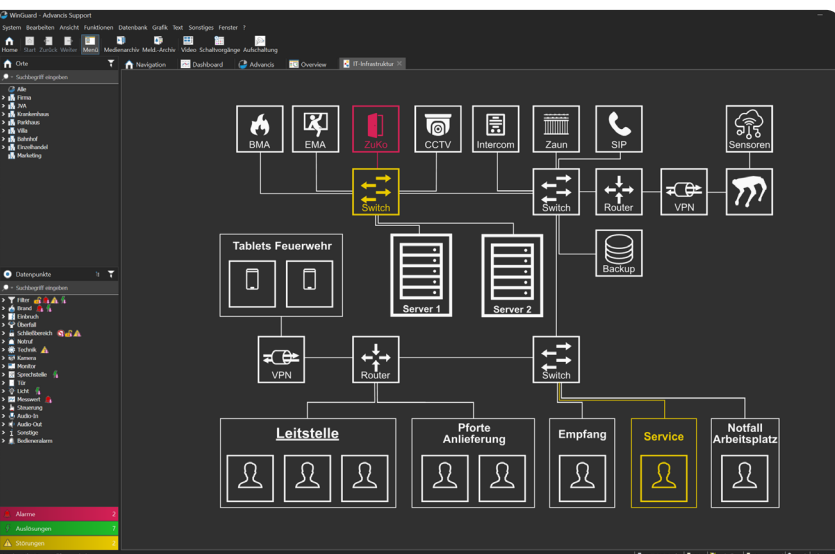
ADVANCIS WHITEPAPER

IT INFRASTRUCTURE MONITORING



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The continuous availability of IT infrastructures is crucial to ensure that all business processes can run smoothly. It is therefore of the utmost importance to implement preventive measures to secure the entire IT infrastructure. In addition to the usual security precautions in the digital area, aspects of physical security must also be taken into account. This includes measures such as protecting against unauthorized access to server rooms or securing hardware components against theft or sabotage (e.g. switches).



Network monitoring via a central management platform

The often very complex IT system structure can be simplified in WinGuard. A failure of individual components is immediately recognizable on the basis of the network overview. This gives the user an overview of the status of critical system components and important network elements (online/offline/fault etc.). This allows network and device problems to be localized quickly. In the event of an alarm, each incoming message is based on a customer-specific action plan that is processed automatically and/or manually. The responsible employee can be alerted directly from WinGuard in order to determine the cause and, if necessary, carry out any necessary

repairs. In addition, bottlenecks („Single Point of Failures“) in the IT infrastructure can also be displayed.

It is also possible to obtain an overview of the registered workstations, from single-user systems to cross-site solutions. Not only servers and clients can be monitored, but also all end devices such as surveillance cameras or printers. In addition, certain critical components, such as main servers, can also be monitored for performance (SMTP monitoring) so that an overload or lack of availability is reported preventively at any time and appropriate countermeasures can be initiated.



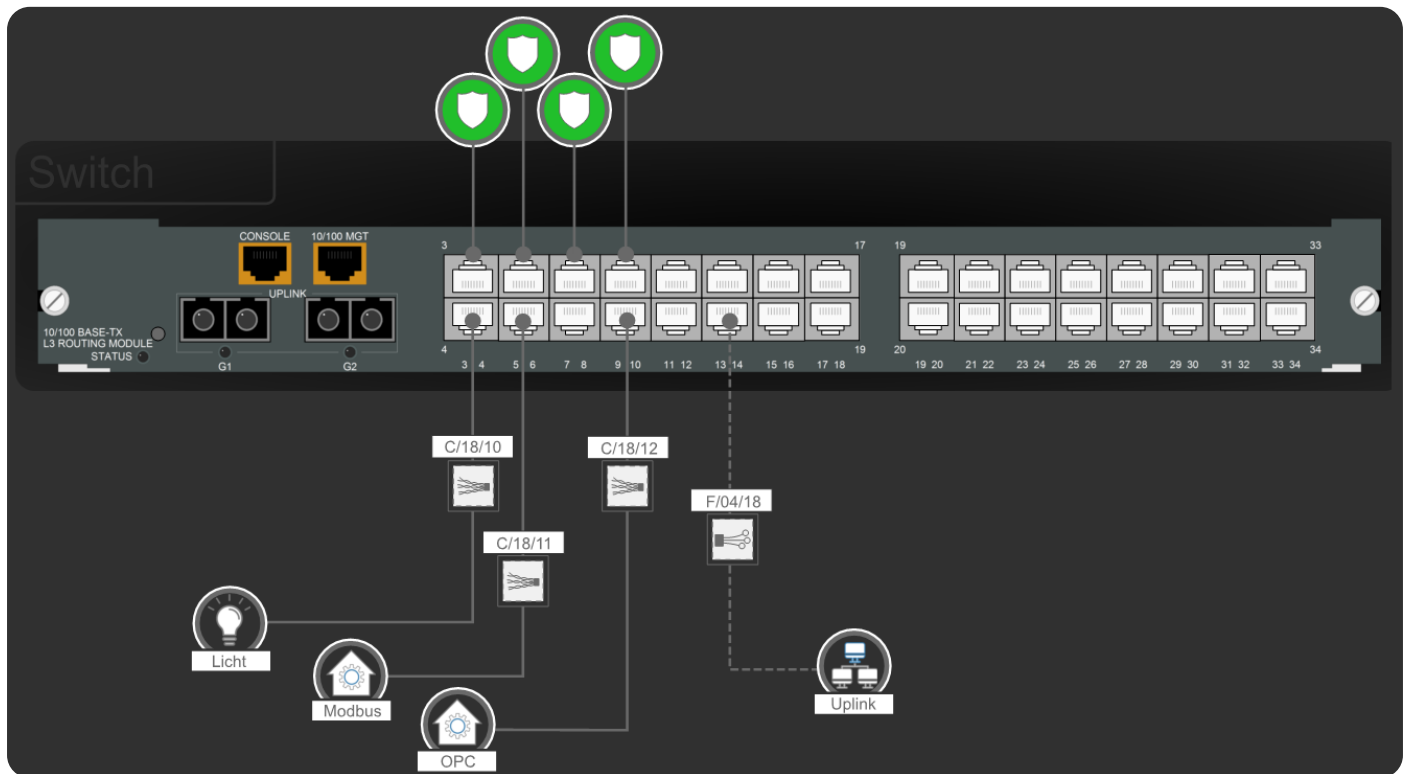
Integration of existing ticket systems

If work orders are to be created for the repair of technical systems, this can also be done via WinGuard. Such orders can also be supplemented with additional information, e.g. switching views of the relevant systems. The orders are sent to the ticketing system via an interface and processed there. As soon as the repair has been carried out, the ticketing system sends a completion message to WinGuard when the order has been successfully completed. All measures carried out are automatically and completely documented via WinGuard.



Protection against theft, vandalism and sabotage

Securing IP video cameras and other devices requires suitable measures at a physical level. These include the careful selection of suitable housings and professional installation, taking cable routing into account. In addition, the implementation of PoE monitoring, cable diagnostics and remote monitoring of switch data traffic can be considered as further security measures. In WinGuard, the corresponding diagnostic data can be displayed transparently with a graphical representation to enable quick identification of network and device problems. This comprehensive view of the data traffic of each port facilitates the remote diagnosis of errors and failures.



Talk to us about your requirements. Together with our system and technology partners, we will find the right solution for you.

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