

UPGRADES

# Automation Diagnostic Server (ADS)



## Highest availability through best possible online support

**ADS is a high-performance server on which the service modules ADS Online, ADS Diagnostic, ADS Blackbox and ADS Support are installed.**

ADS is a high-end diagnostic server accessible by manroland service technicians via DSL connection and a certified firewall. This connection meets to a very great extent the requirements regarding protection against unauthorized access and reliability of the online performance.

Extensive diagnostic programs constantly run on the ADS, which monitor the proper operation of all computers and peripheral equipment. If a disturbance occurs, analysis can make use of both current and historical data. This enormously reduces the time for fault analysis and thus the duration of any interruption of production.

ADS consists of the following four service modules:

- ADS Online
- ADS Diagnostic
- ADS Blackbox
- ADS Support

ADS Online comprises remote access to all computers, drives as well as network and field-bus controllers. ADS Diagnostic is the event-controlled component for fastest-possible analysis of failures and disturbances, and remedy of their causes. ADS Blackbox basically functions like a black box in a jumbo jet. All data of the control console interface is continuously recorded and can be evaluated for fault analysis, as far back as one week if necessary.

ADS Support provides for identical displays on the customer's monitor and the one viewed by the manroland service technician. All actions of the manroland service technicians can be observed on site by the customer. This ensures highest transparency in the case of a disturbance and enriches the knowledge from customer training. The use of high-performance remote-control software makes it possible. If necessary, and permitted by the customer, several specialists can log in at the same time and work on the same case. ■■

## Advantages

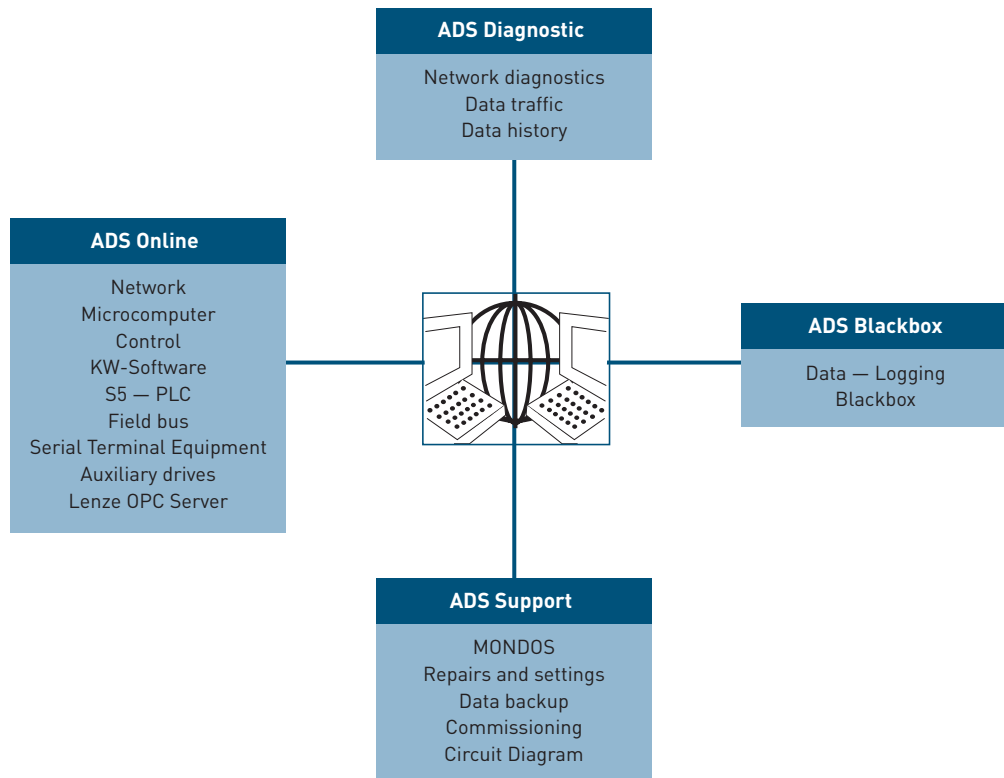
- Central (remote) access to all computers, drives, networks and field-bus controllers
- High-performance diagnostic programs for reducing downtimes caused by disturbances
- Access to historical data of the black box
- Support of customer personnel by common viewing of the same monitor display
- Online documentation of electric circuit diagrams, repair, setting information and press data

## Installation and instruction time

Approx. three days

## References

- Pressedruck, Augsburg, Germany
- The Guardian, London, United Kingdom
- Times Of India, Mumbai, Indian
- Detroit Newspapers, Detroit, USA
- Hubei Ribao Printing House, Beijing, China



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