

ODiN

Data Transfer



Data transfer via IoT-Gateway

First of all, each component's condition is captured and recorded via sensors in a system and transferred to the ODiN cloud via an IoT gateway with the help of a mobile communications router equipped with a pre-configured SIM card. In order to ensure a secure connection and data security, the data are stored and processed in Bosch's own data center. The main benefits of the cloud are shown in the graphic below. It means that you don't have to worry about data security or data storage. As the cloud is always up-to-date there is no need for you to worry about security updates. No remote access is required as the data are sent directly to the cloud via a secure connection and the analysis results are accessible from anywhere with the help of our web interface. Thanks to the Bosch IT infrastructure, you don't have to worry about tasks such as server operations or software installations. You benefit from high-speed and high-quality analyses and better monitoring.

5 REASONS FOR ODiN

- ▶ Data security through cloud solution
- ▶ Setting an optimal maintenance period
- ▶ Improved planning of maintenance operations
- ▶ Utilization of the maximum service life of components
- ▶ Increase of productivity

