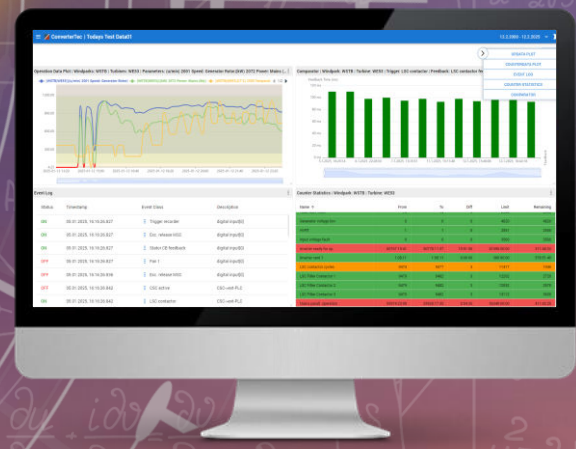# Converter | Tec

CTSAnalytics

Condition Monitoring Software for Frequency Converters

CTSAnalytics

Intelligent data analysis and comprehensive support

- Early detection of faults
- Extended system service life
- Optimized maintenance
- Higher system availability
- Improved safety

- Lower operating costs
- Data based decision-making
- Proof of system reliability
- Remote monitoring
- Automation of processes

Integration into existing SCADA systems

Converter | Tec

CTSAnalytics Software

CTSAnalytics

Benefit

Achieved by

Benefit		Achieved by
Reduction of unplanned downtimes ~20%	→	Continuous parameter monitoring
Repair costs reduction ~32%	→	Correct spare parts on site
Optimized maintenance planning	→	Predictive maintenance
Optimize warehousing	→	Data-based demand forecasting
Extend service life	→	Reduction of failure risk
Avoid subsequent faults	→	Proactive recommendation for action
Comprehensive support	→	Regular performance checks

Prediction activities

Data interpretation

Visualization

CTSAnalytics

Big-Data

CSC 4

System Control → Park Server → Transmission → CT - Server → Data preparation