





ASG 5 2020



30%
less
production
costs

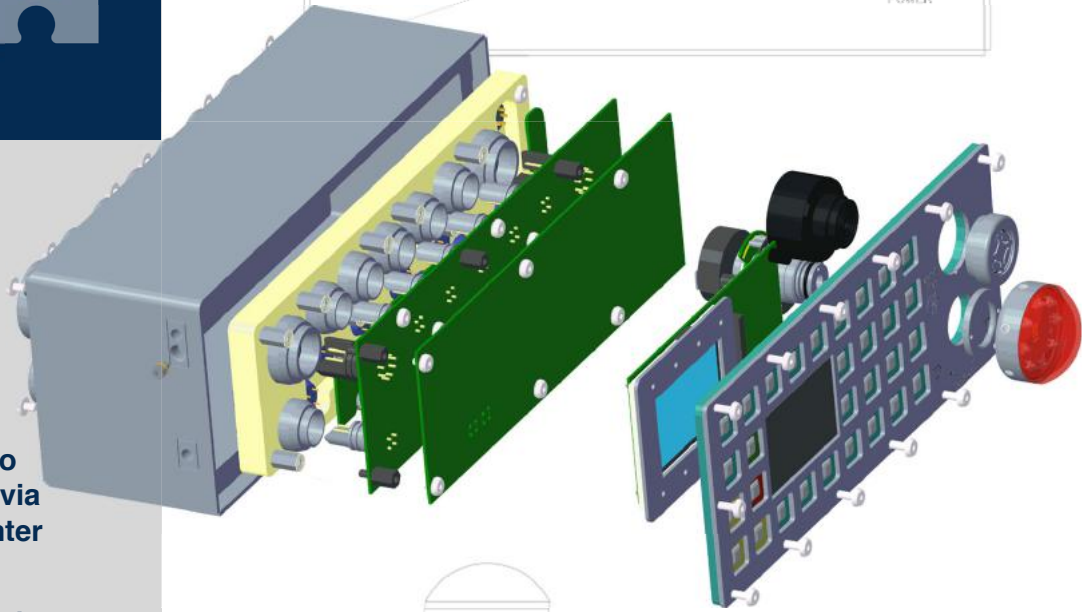
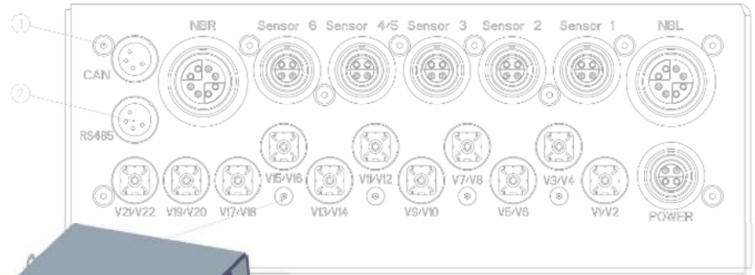
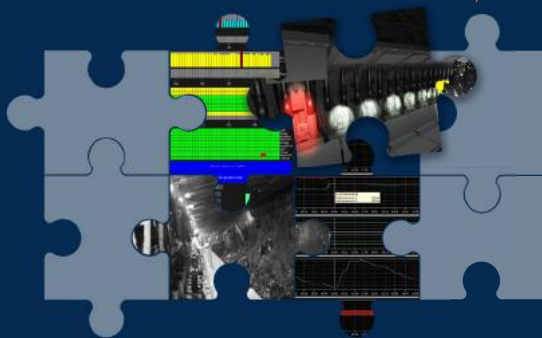
Your efficiency is our benchmark.

-  Intelligent and complete face automation
-  Control of the longwall from each support
-  Maximum efficiency of coal extraction
-  Longest service life


Real Time
Automation


Key component
of the TCS face
automation

Key component of the TCS face automation



- > Automation beyond the ends of the longwall
- > 3D visualisation of the complete face
- > Remote control with radio control unit, IS-Tablet or via the remote operation center

- > Individual keyboard layouts including programmable softkeys

- > Caption of the complete shield geometry by inclinometers

- > Facewide status overview directly on the device

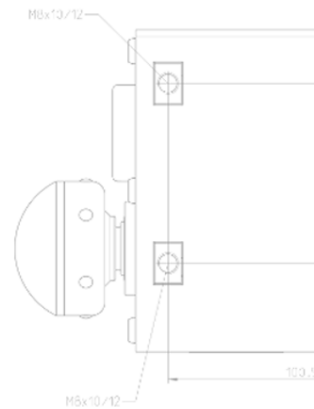
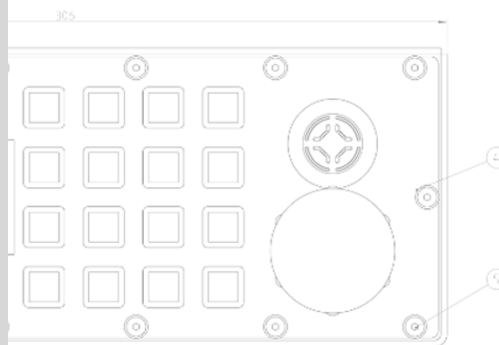
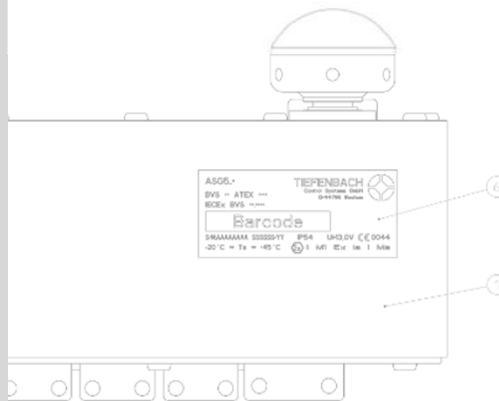
- > Integrated and automated lifecycle management of connected components

- > Multiple communication systems

- > Latest interface technologies for extensions

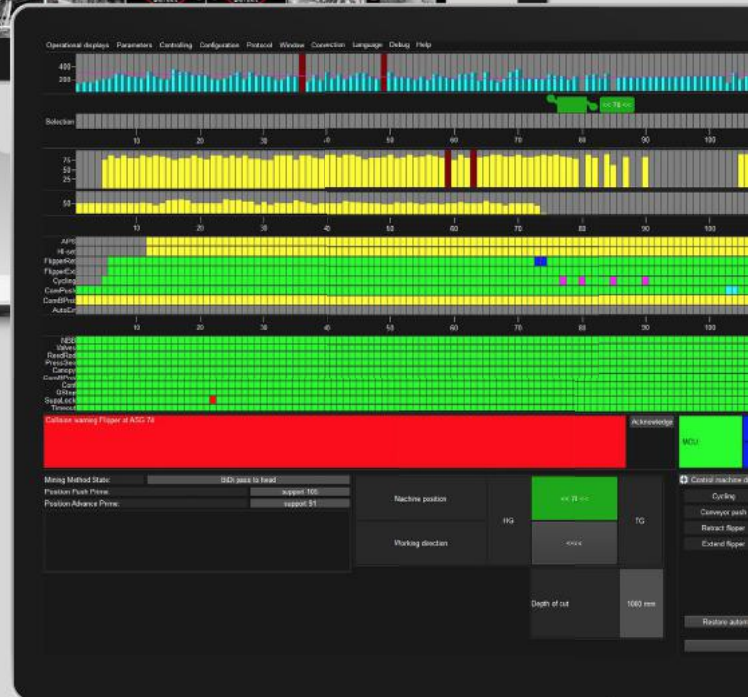
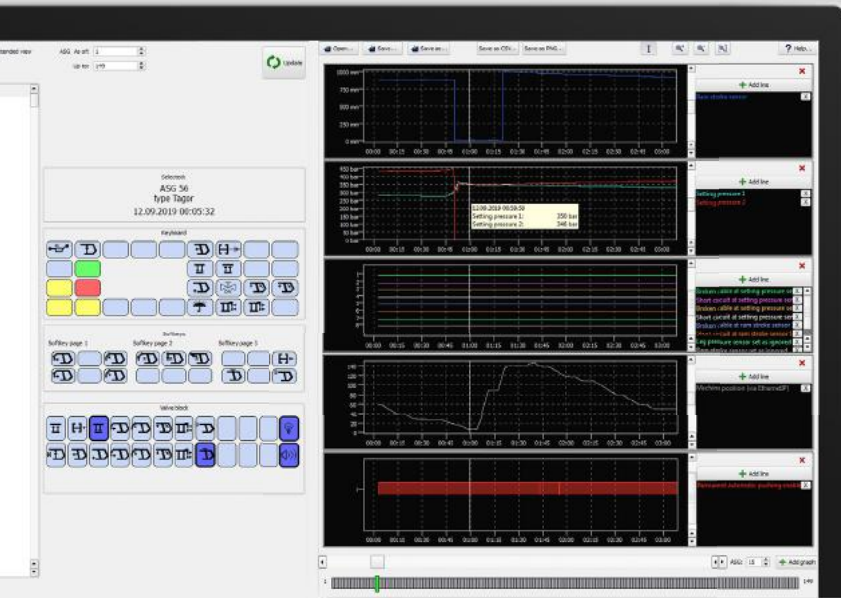
- > High data rate of the face communication (comparable to Ethernet)

- > Approvals: ATEX, IECEx, MA, EAC, MSHA, BAS





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