

Currently, there is a strong emphasis on economy, ecology, and time savings. ZAT a.s. contributes to fulfilling these requirements with its Synchronization products.

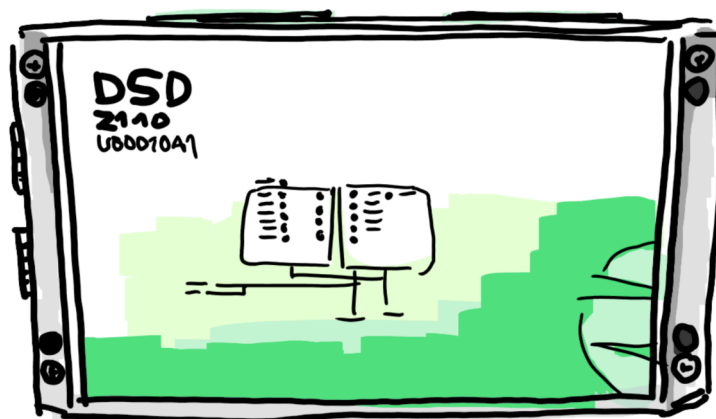
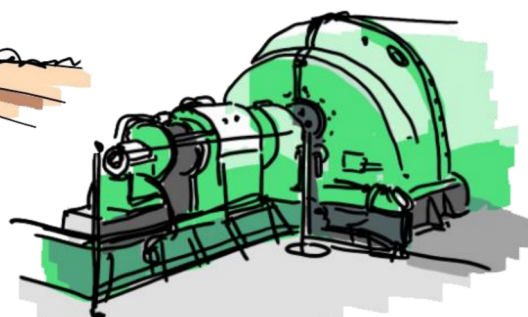
The solutions provided meet strict requirements for the reliable operation of controlled technologies by using a compact controller and a limited number of components.

A synchronizer doesn't have to be an overpriced or complicated device!

We will enhance your user comfort and operational safety.

Take advantage of a field-proven solution!

**We will connect your device
at the right time – synchronize
with the Czech control
system SandRA!**



Synchronization of rotating machines

We are capable of reliably synchronizing the speeds of various types of rotating machines.

Steam turbines no longer need to come to a complete stop after shutdown – significantly reducing the risk of turning gear failure!

We are capable of adapting the field instrumentation to the specific project.

Synchronization of generators and lines

- Reliable, cost-effective solution
- Configurable parameters for 3 circuit breakers
- Enables automatic generator-to-grid connection and line-to-line coupling
- Integration of synchronizer and synchro-check functions
- Compatible with AVR Compact/AVR Power or available as a standalone solution
- Utilization of standard communication interface options
- Functional and operational diagnostics are a standard feature