If your SIMATIC WinCC operator stations crash because of a power failure, data loss is usually inevitable. Unnecessarily long plant downtimes result. In combination with a UPS (Uninterruptable Power Supply), ShutDown WinCC allows SIMATIC WinCC operator stations to be closed and shut down in a controlled way if the power supply fails, thus reducing plant downtimes to a minimum.

The challenge
There are many possible causes of power failures. Even if utility companies were in a position to guarantee an almost one hundred percent fail-safe electricity supply, there would still be a host of unfavorable circumstances which could trigger a total failure. Excavator damage and extreme weather conditions are just two examples. The biggest weak spots however are always installation work, short-circuits in the building and human error.

Downtimes are predicted to increase even further in the next few years in the wake of the electricity market’s liberalization and the ensuing cost pressures on utilities.

The financial damage that results from stoppages of a component system – or in the worst case the complete plant – is immense. Even short production downtimes often require completely resetting the machines in a procedure lasting hours if not days. A fully functional process control and visualization system is crucial for prompt resumption of production following a power failure. Special measures must therefore be taken to protect these systems against the possible consequences of sudden loss of power.

Good reasons for ShutDown WinCC:
- In combination with a UPS, it allows the control system to be shut down safely in case of a power failure
- Consequential damage, such as data loss in the SIMATIC WinCC system, is effectively avoided
- Downtimes due to power failures are reduced to a minimum

ShutDown WinCC
Safe, automatic SIMATIC WinCC shutdown for minimum plant downtime and maximum data security
Industrial Services
Our solution
In combination with an UPS, ShutDown WinCC allows the WinCC runtime environment to be shut down in a controlled way and the complete WinCC project to be closed.

SIMATIC WinCC itself merely provides the option of shutting down the WinCC runtime environment manually. Automatic, system compatible shut downs – an essential prerequisite of using a UPS (uninterruptible power supply) – are not supported by WinCC.

The shutdown sequence can be influenced by means of various call settings. ShutDown WinCC lets you:
- Shut down the WinCC runtime environment and close the WinCC projects
- Shut down operator stations
- Shut down operator stations and log out users
- Restart operator stations automatically

Our software solution interacts with any standard UPS, providing the normal UPS software allows you to start certain programs (*.exe, *.dat) automatically if a power failure is detected.

The product is delivered on a CD with a license diskette and must be purchased separately for each SIMATIC WinCC server. It is easy to install thanks to the intuitive setup program and comprehensive manual.

System requirements
SIMATIC PCS 7 (V5 or higher)
SIMATIC WinCC (V5 or higher)

Ordering data
ShutDown WinCC
Order No.: 2XV9 450-1WC05

Please indicate the version number of your SIMATIC WinCC licenses in all orders.