The Legacy HMI Replacement Journey

- COPA-DATA zenon delivers the worlds first HMI SCADA system to adopt multi-touch gestures on an operator panel... read more

- COPA-DATA have developed a migration tool for WinCC to zenon converter… read more

- zenon for Energy and Infrastructure. Efficient to engineer, easy to integrate, from Power Stations to Smart Grids... read more

- Smart Grids and the process gateway white paper… read more

- DT Partners are your technology partner... read more

The Problem

Some organisations with substantial investment in intellectual property and self developed tools have been left stranded by suppliers who have been unable to provide migration paths from their outdated and unsupported HMI products.
Does this sound familiar? If so, ask yourself the following questions:

- Has your current HMI reached end of life and hardware is no longer available?
- Is your HMI platform based on propriety software / hardware?
- Has your supplier been able to support you with an automated solution to allow you to migrate to a new platform?
- Do you want the benefits of a harmonised HMI platform which caters for both your legacy and future IEC 61850 based systems?

Does this sound familiar?

Migration Tool

- DT Partners can provide a migration tool tailored to your needs including ongoing training and support.
- The migration tool is a customised program to decompile the data files of your HMI system in order to facilitate porting database and screens to your new zenon system.

The Journey

Most organisations journey to find a replacement for a legacy HMI would start by establishing their requirements which would include;

- We need quality, scalability, maturity, flexibility, usability, maintainability and viability of long term support;
- We need integration of IEC 61850 and DNP3;
- We need to minimising the re-commissioning required post conversion;
- We need local training and support;
- We need to trust that our supplier will support us; and
- We need a solution that can be automated to convert from the existing system including process database, graphics and peer applications.

The engineering process:
- Receive pictures and database extracts;
- Run the conversion tool on a Windows PC;
- Import the converted DNP3 points list into zenon;
- Import the converted Pictures into zenon; and
- Import the Internal Functions into zenon

The Solution

DT Partners have a solution based on COPA-DATA's zenon HMI platform. zenons' key attributes are;

- Native IEC 61850;
- The I/O drivers are built in;
- Supports DNP3 Master / Slave protocol over serial and TCP/IP;
- Import and Export capability to standard file formats; and
- The application is independent from specific hardware vendors.

The Result

The migration tool can convert your exiting configurations to the zenon platform in a matter of minutes!

Interested to learn more, contact us without obligation.
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zenon 7
do it your way