

DSESCADA - DSE Paralleling SCADA



Overview

DSESCADA is a free, customisable server-client SCADA software package that provides monitoring and control facilities for single or multiple devices within a power generation system, using Ethernet. The server communicates to the devices within the system and passes information to the clients, enabling the user to monitor and control the system. The server and client can be installed onto a single machine for standalone operation, or separate machines for distributed and remote monitoring and control.

Key Features

- Free to download and install
- Supports 32-bit and 64-bit Windows 10 and 11 operating systems
- Server-client architecture supported on standalone or distributed/remote machines
- High speed communication using Ethernet
- Monitoring and control of multiple devices within a system
- Supports connections to non DSE devices using MODBUS TCP
- Ability to start and stop multiple generators together or independently
- Fully customisable graphical user interface with simple drag and drop icons
- Configurable multi-user account structure to provide access restrictions
- Multi-set commissioning with purchasable DSESCADA commissioning licence

Product Documentation

057-339 – DSESCADA Software Manual
057-356 – DSESCADA Quick Start Guide

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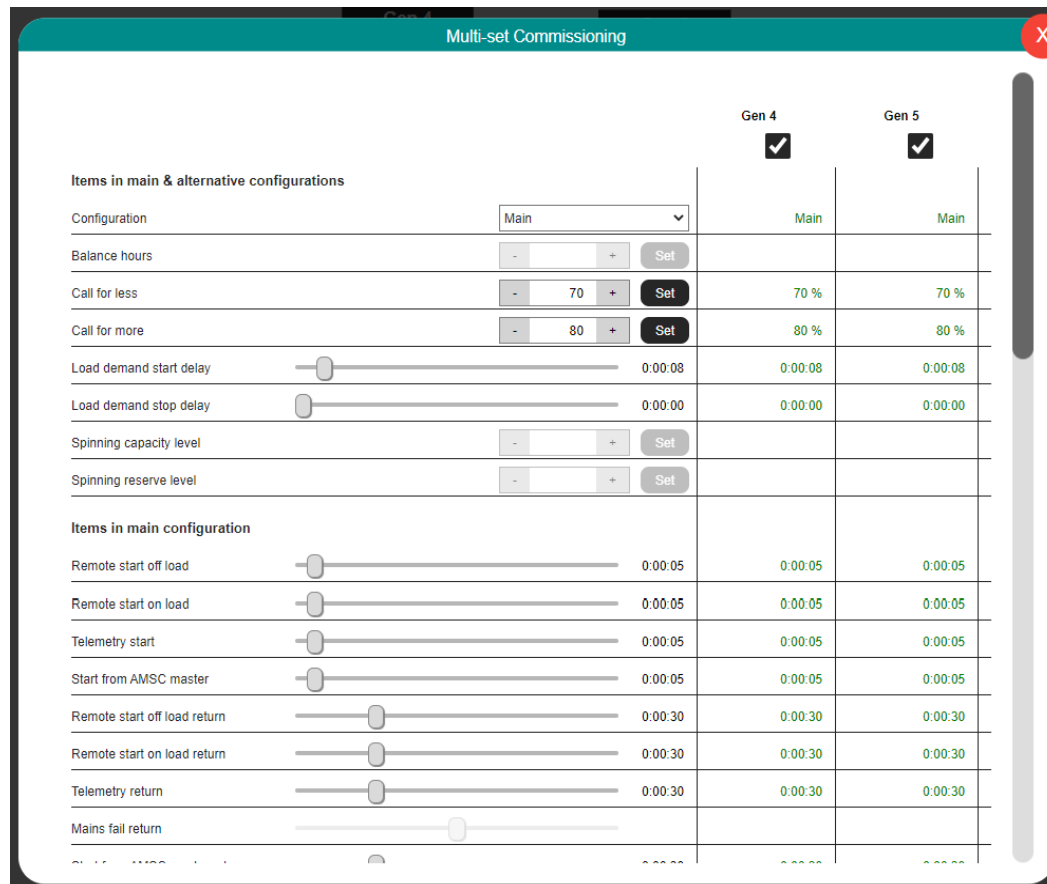
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DSESCADA - DSE Paralleling SCADA

Part Numbers: 037-060

Overview

DSESCADA offers a multi-set commissioning tool, unlocked by purchasing the DSESCADA Commissioning Licence. Licences are unique to each machine they are purchased and installed on. The DSESCADA Commissioning Licence enables users to adjust settings across multiple DSE modules at the same time, making tasks such as tuning of loadsharing parameters more efficient.



The screenshot displays the 'Multi-set Commissioning' interface. It features a table with columns for 'Gen 4' and 'Gen 5', both of which are checked. The table lists various configuration parameters such as 'Balance hours', 'Call for less', 'Call for more', 'Load demand start delay', 'Load demand stop delay', 'Spinning capacity level', 'Spinning reserve level', 'Remote start off load', 'Remote start on load', 'Telemetry start', 'Start from AMSC master', 'Remote start off load return', 'Remote start on load return', 'Telemetry return', and 'Mains fail return'. Each parameter has a control element (slider or input field) and a 'Set' button. The values for Gen 4 and Gen 5 are shown in the rightmost columns.

Configuration	Gen 4	Gen 5
Configuration	Main	Main
Balance hours		
Call for less	70 %	70 %
Call for more	80 %	80 %
Load demand start delay	0:00:08	0:00:08
Load demand stop delay	0:00:00	0:00:00
Spinning capacity level		
Spinning reserve level		
Items in main configuration		
Remote start off load	0:00:05	0:00:05
Remote start on load	0:00:05	0:00:05
Telemetry start	0:00:05	0:00:05
Start from AMSC master	0:00:05	0:00:05
Remote start off load return	0:00:30	0:00:30
Remote start on load return	0:00:30	0:00:30
Telemetry return	0:00:30	0:00:30
Mains fail return		

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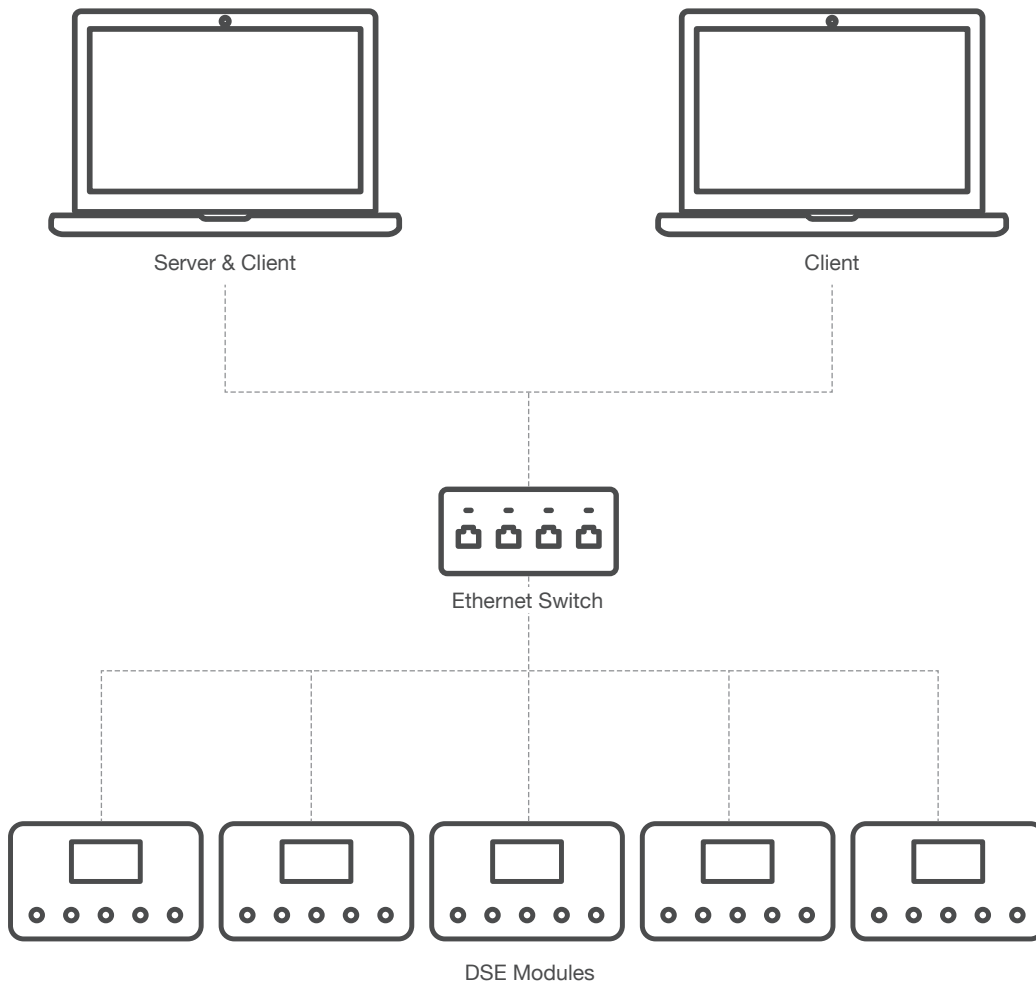
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Typical Application



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Related Products		
DSEgenset®		
DSEG8900	7" Colour Parallel Genset Controller	G8900-01
DSEG8680	Bus Tie Controller	G8680-01
DSEG8660	Mains (Utility) Controller	G8660-01
DSEG8600	Parallel Genset Controller with Integral Heater	G8600-01
DSE8680	Synchronising Generator Bus Tie Control Module	8680-01
DSE8660 MKII	Auto Transfer Switch & Mains (Utility) Control Module	8660-02
DSE8610 MKII	Synchronising & Load Sharing Auto Start Control Module	8610-02

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