

DISPLAY WITH A DIFFERENCE

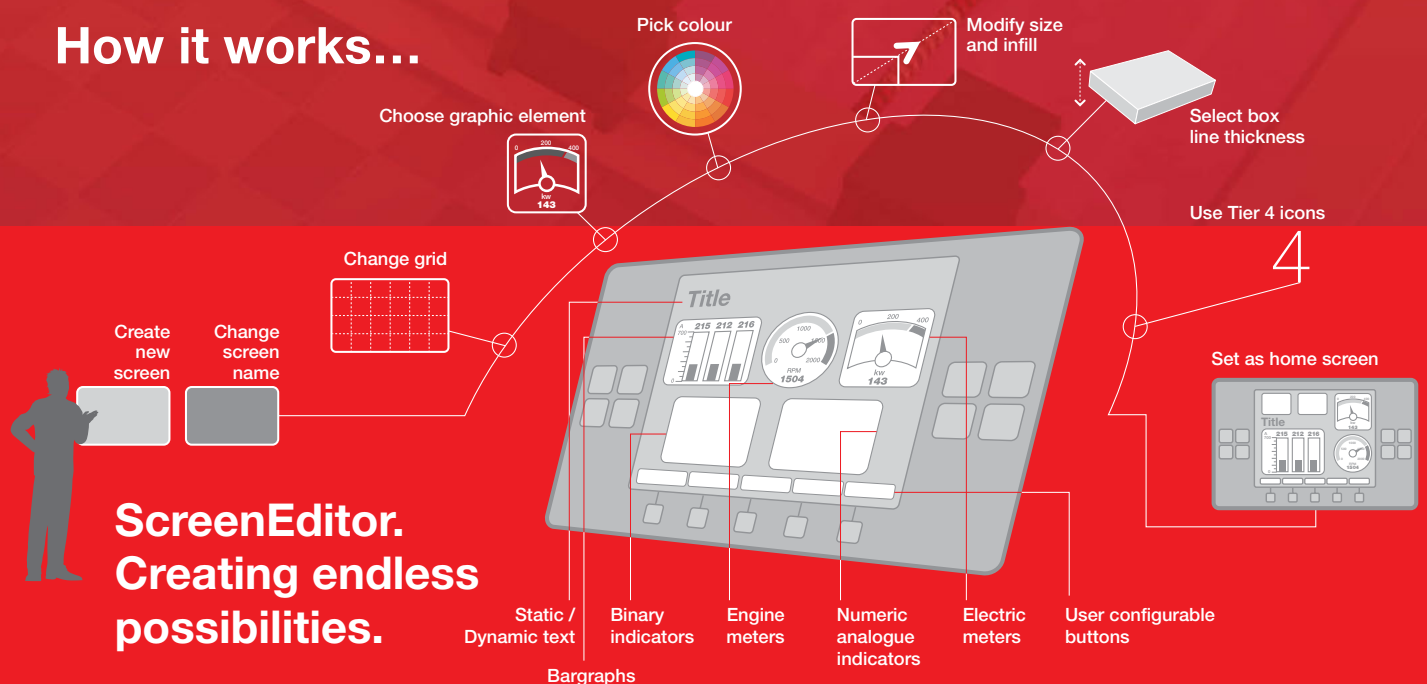


Create and edit your own
graphic screens for InteliVision 5
and InteliVision 8

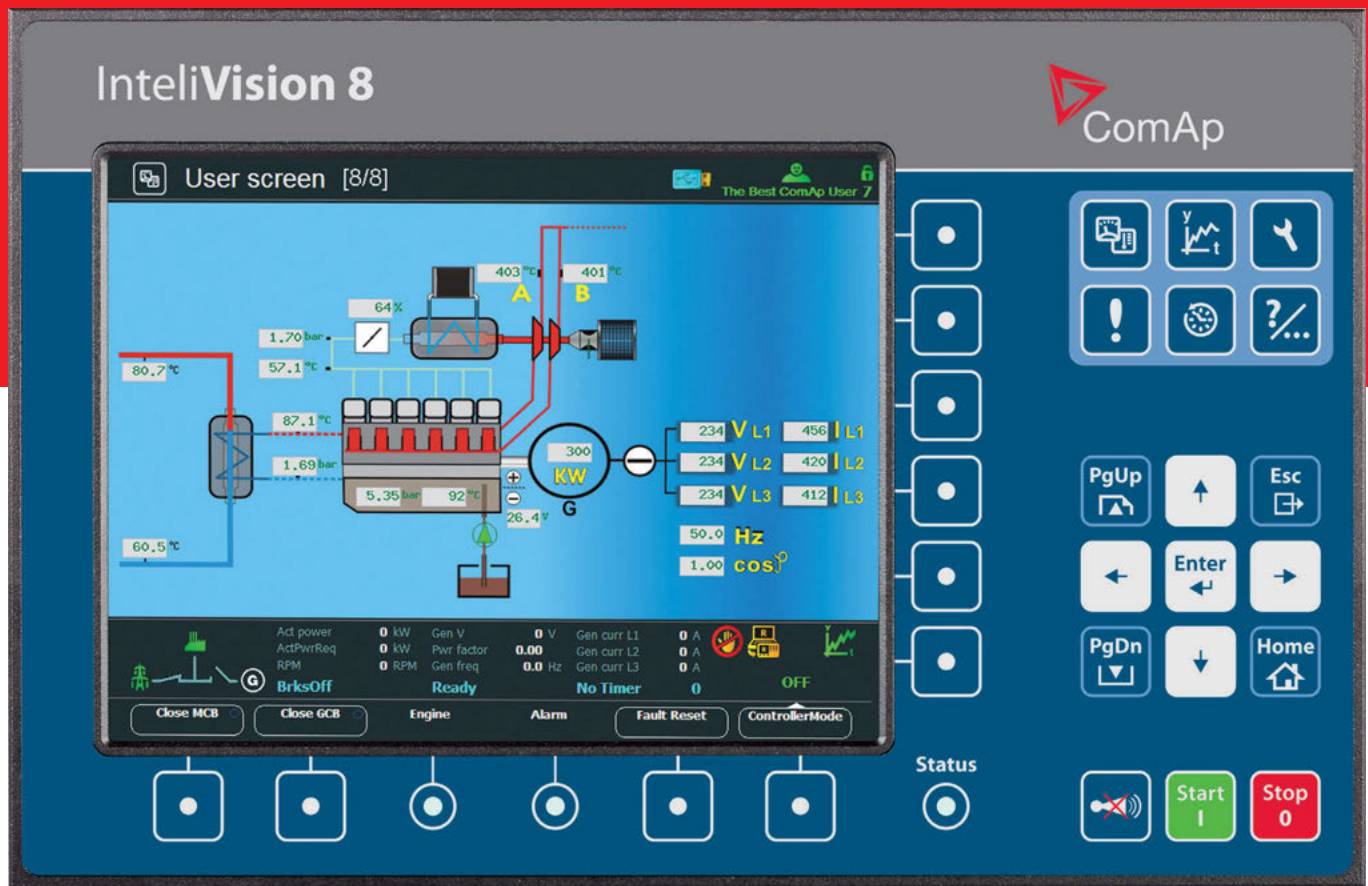


ScreenEditor allows you to personalise the interface on your IntelliVision colour displays by managing screen type, selecting instruments and creating backgrounds from a toolbox of graphical elements.

How it works...



Express yourself!



The editing tool, which is part of GenConfig and DriveConfig, transforms the choices available allowing you to change default factory screen settings, create a family of screen pages and add information not currently displayed. The graphical based tool is intuitive, user-friendly and helps avoid errors caused by manually editing lines of text in XML files.

To use ScreenEditor you are required to upgrade your software to IGS-NT 2.6.1r1 Installation suite (for IntelliVision 5, IntelliVision 5 RD and IntelliVision 8) or IntelliDrive Installation Suite 2.9 (for IntelliVision 5 CAN, IntelliVision 5 CAN Backlit and IntelliVision 8) or a more recent SW versions including PC software and FW upgrade of controller and display.

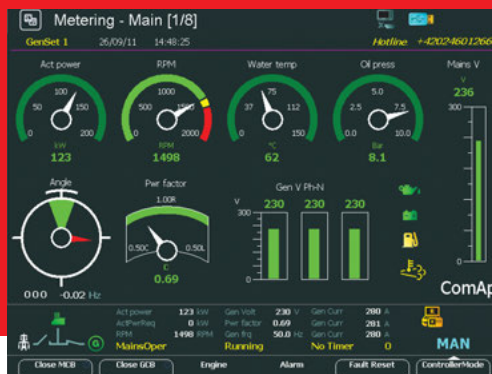
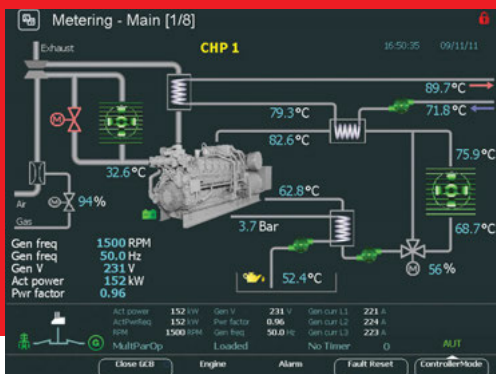


Important benefits of using ScreenEditor:

- 1** Check screen content and layout before uploading – *minimises corrections*
- 2** Prepare screens before site visit – *reduces commissioning time*
- 3** Everyone can use it – *no special knowledge required*

With IntelliVision 8 you can also import externally generated images – helping you brand screen displays.

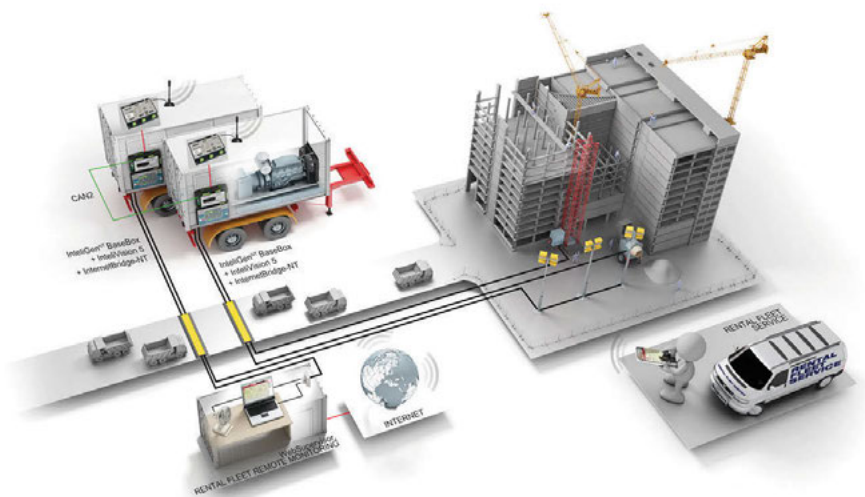
Here is a selection of user-defined screens that demonstrate what can be achieved with ScreenEditor.



Popular applications that utilise IntelliVision and ScreenEditor

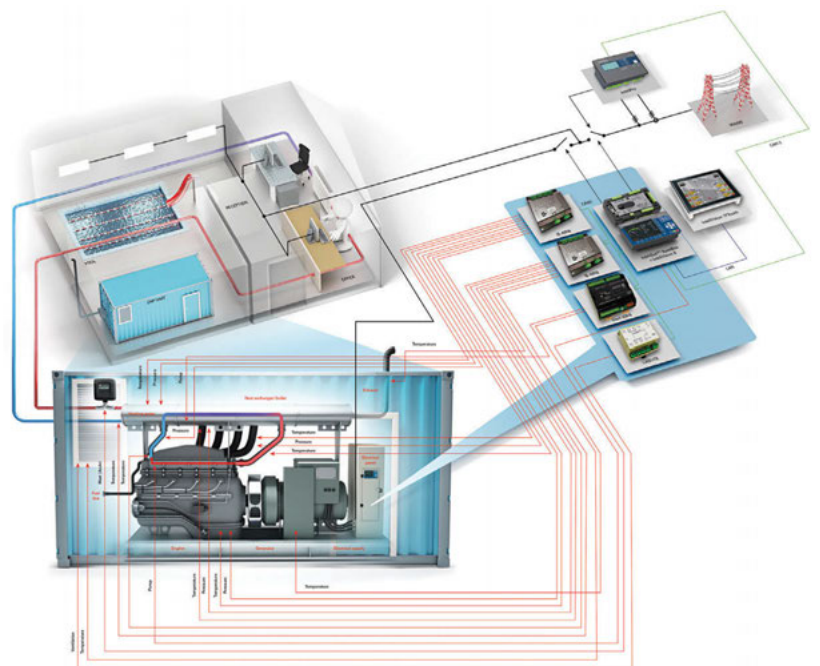
Rental gen-sets

Containerised rental gen-sets are deployed as temporary and mobile power generation units providing essential energy for subsystems and construction machinery on building projects or civil engineering applications where mains power is not available or has been manually disconnected.



Cogeneration

CHP (also known as cogeneration) is one of the most efficient methods of generating a combination of power (3 phase electricity) and heat (hot water), which is recovered from the cooling system and flue gases. In most circumstances, the overall power and heat consumption of the application can be provided by the CHP system – with the additional opportunity of exporting surplus energy or heat.



Case studies from around the world



University of Canterbury, Christchurch, New Zealand

The new upgraded system that governs the electrical emergency back-up to support critical services during power outages at the University of Canterbury in New Zealand, features an integrated package of ComAp products including IntelliMains^{NT}, IntelliGen^{NT}, IntelliPro and IntelliVision 5 display panels.

This new system was designed, installed and commissioned by Greenbird Technology NZ Ltd in order to achieve a clever system that can be paralleled and sync with the mains, sheds non-critical loads, provides redundancy alongside the possibility of import and export of power to the national grid.

The new upgraded control system now flaunts five IntelliMains^{NT} BaseBox controllers with IntelliVision 5, a IntelliGen^{NT} BaseBox controller with IntelliVision 5 to control the operations of the Cummins which is configured as GeCon (GeCon software) and most importantly features a IntelliPro controller not only to provide necessary protection when paralleling to the mains grid (Utility), but also to provide a fully compliant solution to meet the protection requirements of the local power authorities. The GeCon conversion solution of the Cummins Generator set was very interesting too, since it enabled the client to save the overall upgrade costs of the Gen-set control system and also to retain the original Power Command Control (PCC) system as well as associated wiring.

To provide online monitoring of the site for critical alarms, direct access to all measured values and history records available with all the controller, an IG-IB module along with IntelliMonitor software was utilised. Since the upgrade, the client has now structured their own communication channel using Backnet, which works simultaneously with the IntelliMonitor software and utilises available Modbus data.



Sincrotrone Trieste, Italy

Elettra Laboratory is an international multi-disciplinary laboratory operated by Sincrotrone Trieste S.C.p.A specialising in synchrotron radiation and its application in the science of matter.

The tri-generation system provides electricity, heat and cooling to the building. Whilst in combination with a power conditioning device, the system also provides a critical back-up in case of loss of mains power. The electrical control system for the plant features a family of ComAp solutions including IntelliVision 8 display screens, all of which were engineered, supplied, integrated and commissioned by the team of qualified engineers from 42Technology, Switzerland.



Useful product information

InteliVision 5

New generation colour display panel for localised visualisation and intended for shorter distances (up to 2 metres) from the controller.

InteliVision 5 is compatible with the following product line of controllers: InteliGen^{NT}, InteliSys^{NT} and InteliMains^{NT}.



InteliVision 5 RD

New generation colour panel for remote visualisation and intended for longer distances (up to 1000 metres) from the controller.

InteliVision 5 RD is compatible with the following product line of controllers: InteliGen^{NT}, InteliSys^{NT} and InteliMains^{NT}.



InteliVision 5 CAN

New generation remote display unit for InteliDrive DCU and InteliDrive Mobile controllers.

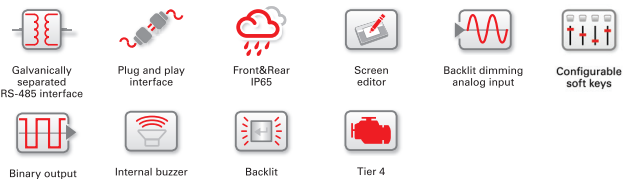
Designed as a simple, easy-to-use Plug and Play solution. Simpler, faster and more comfortable control for the user. More information in less time.



InteliVision 5 CAN Backlit

New generation remote display unit for InteliDrive DCU, InteliDrive Mobile, InteliGen^{NT} and InteliSys^{NT} marine certified controllers and controllers with installed GeCon software.

Designed as a simple, easy-to-use Plug and Play solution. Simpler, faster and more comfortable control for the user. More information in less time.



InteliVision 8

InteliVision 8 is a colour display unit designed as a simple, easy-to-use Plug and Play solution and delivers high visibility of all engine data, monitoring information and trend history in a bright, colourful and forward looking design. It can be used for either InteliGen^{NT}, InteliSys^{NT}, InteliMains^{NT}, InteliDrive DCU and InteliDrive Mobile.



InteliVision 8 Marine

InteliVision 8 Marine is a marine certified colour display unit for either InteliGen^{NT}, InteliSys^{NT}, InteliMains^{NT} or InteliDrive DCU and InteliDrive Mobile controllers. It is designed as a simple, easy-to-use Plug and Play solution.



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