



asigN

Application control panels
with a variety of interfaces

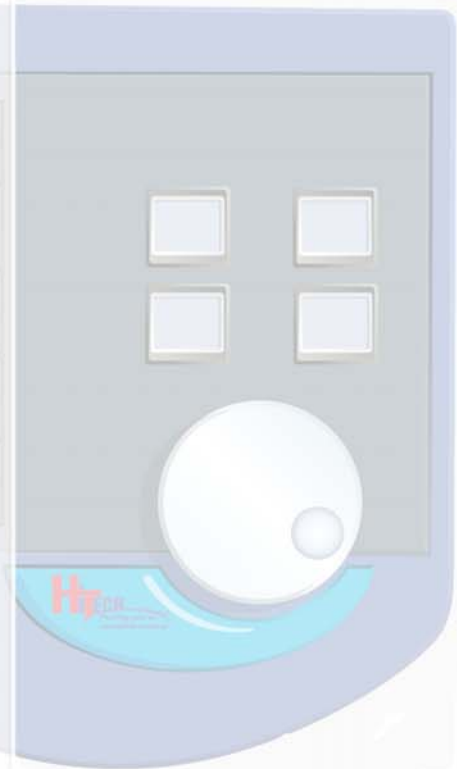


asigN

Hi Tech Systems has developed a system of highly configurable application control panels, called "asigN", which can be connected to a wide range of equipment to provide push button switch control as an alternative to computer keyboards and mice. Using an optional intuitive Windows programme, buttons are assigned to the chosen functions of the connected hardware, and a variety of equipment can be connected to the same panel at the same time, via the various interface modules available

The basic product is equipped with a serial interface and configuration software. The keys can be programmed with text or graphical images, and can be assigned a range of colours. Additionally, the keys can be configured to latch, make momentary contact, bleep, change colour and so on, as the user wishes or the connected equipment demands.

The panels can be configured using the supplied asigN protocol and a PC or MAC, or by using the */asigN* software, which runs as a service on a host PC. */asigN* allows for very easy configuration of the appearance of the LCD keys, and features a unique drag and drop function to allocate any Windows application button to any LCD key. The HT604, HT624 and HT634 panels have a wheel, which can be programmed to scroll, adjust levels or jog/shuttle using */asigN*. Additionally, equipment can be connected via an optional GPI module, optional Ethernet module, or the panel can be connected as a Human Interface Device via an optional USB module to a PC or MAC.

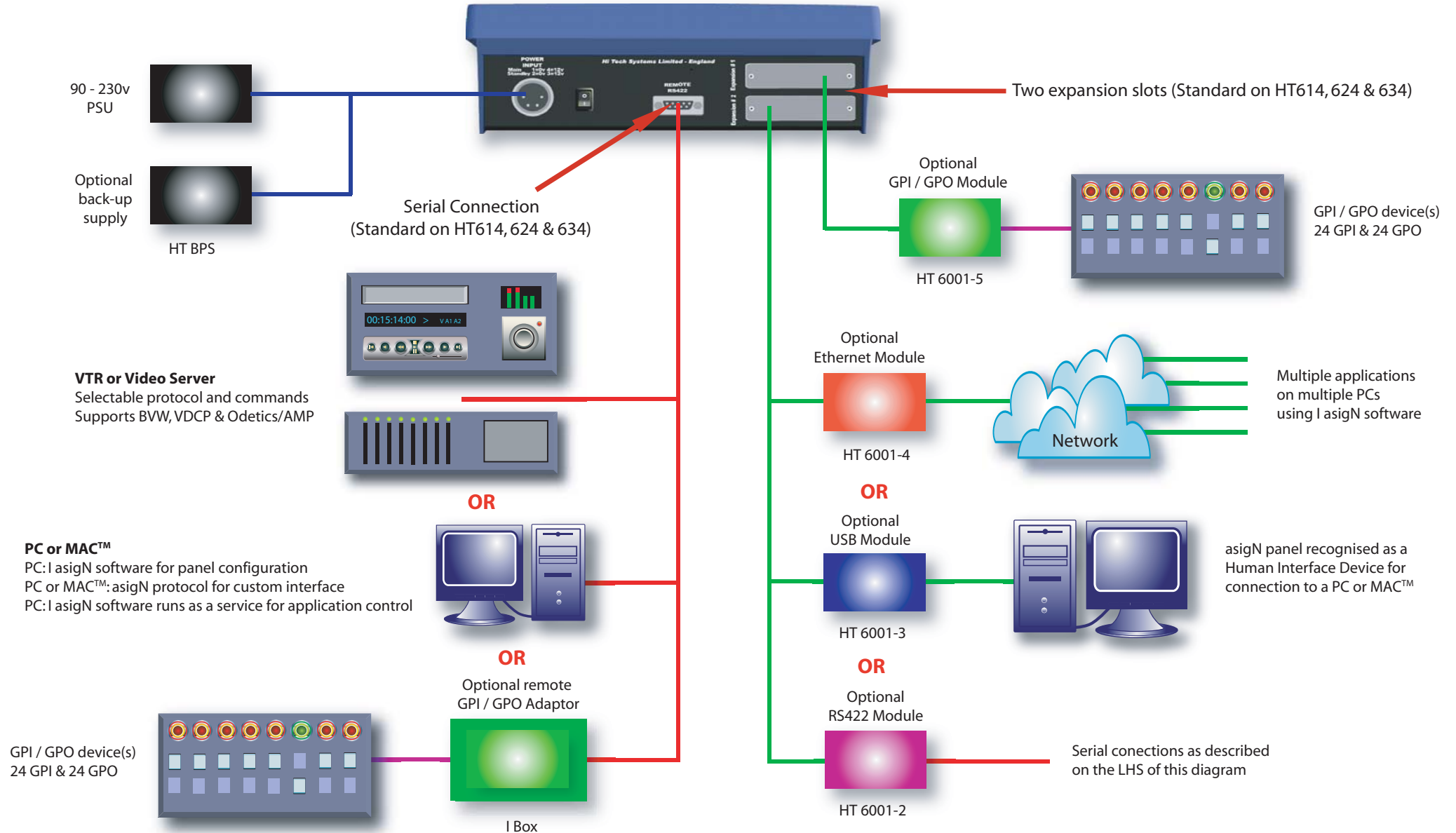


HT634

asigN application control panel

A system of hardware panels to control multiple Windows™ or MAC™ applications, plus VTRs, Servers and GPI / GPO devices

Note: HT 604 has one Ethernet connector, no expansion slots or serial interface





Application Control Panel System

The Products

Four panels form the basis of the asigN system - the HT604 with 6 configurable LCD keys and a control wheel, the HT614 with 20 configurable LCD keys, the HT624 with the addition of a control wheel, and the HT634 - a 1U high rack mountable panel with 10 LCD keys and control wheel. Each can be set up by using either the asigN protocol from a computer or by installing the *asigN* programme on the device to be controlled (Windows only). The controlled application does not have to be in Windows "focus" to be instantly accessed and controlled.

Once configured for an application, the set up can be tested before being downloaded to the panel, and can be stored for

The application can be closed, and control will resume as programmed when it is re-opened. Windows application functions such as scroll or volume, which are adjusted with a mouse and slider can be allocated to a button and the control wheel for adjustment. Multiple applications can be controlled on one PC, or, if the optional ethernet module is used as the interface, on many PCs. The panels are powered by an external power supply, a second can be added as a back up. The asigN protocol and technical manuals are supplied with the panels. The *asigN* software is supplied as standard with two licences, one for off-line configuration and one for on-line operation. Additional licences are available for control of multiple computers

Configuration

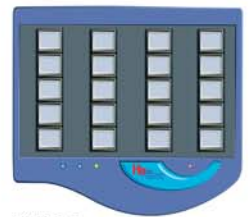
The *asigN* GUI allows the individual keys and control wheel to be configured for appearance such as on/off display of text or graphical image, on/off colour and brightness, key grouping and operation such as follow, latch or momentary action. A simple drag and drop process allocates Windows buttons to the chosen LCD key.



HT614 rear panel



HT604



HT614



HT624

HT634



Interfaces (optional - not HT604)

Expansion slots allow additional interface modules to be installed in addition to the standard serial port.

GPI: One or two GPI modules can be used, each providing 24 in and 24 out commands that are allocated to the LCD keys in addition to any Windows function allocated. The *asigN* software allows easy GPI allocation and also provides a map of GPIs and associated LCD keys.

USB: The panels appear as a Human Interface Device (HID) keyboard if connected by USB and can interface to a PC or a MAC. One USB module can be installed in each panel, with or without a GPI module.

Ethernet; The panels have an IP address allowing control over a network. Again, one Ethernet module can be installed per panel, with or without a GPI module.

Control

There are four ways to control a Windows or MAC application.

USB: The user application is configured via HID to recognise the commands from the asigN panel, The panel is configured using the supplied asigN protocol information.

Serial or Ethernet: The panel is configured using the asigN protocol to control a Windows or MAC application.

Serial or Ethernet: Windows applications can have the optional *asigN* software service installed for appearance and control configuration of single or multiple applications on one PC (serial control) or multiple PCs (Ethernet)

GPI: Connection is made via a high density connector and GPI allocation by using the optional *asigN* software.

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