

1. Introduction

This quick start guide is aimed at facilities management personnel responsible for the day to day operation of the Ethos Navigator lift system. In the first instance any requests for changes to lift operation not provided by Ethos Navigator Browser should be raised with the lift company.

The TVC Ethos Navigator hall call destination control system is a distributed field-bus network for interfacing landing mounted destination call entry devices to a group of Ethos per car controllers via the Ethos Navigator Server located in the lift motor-room.

Each passenger enters a destination level prior to entering the car. The Ethos Navigator Server allocates passenger requests (calls) to individual cars. As each lift user is required to select a destination the server receives a more complete picture of traffic demand than would be available on a conventional system and is able to make more intelligent allocations. The Keypad and Touch Screen destination input panels (DIPs) are situated on each landing, any combination of these may be used, depending on customer choice. Lift operation can be monitored and configured remotely through the Ethos Navigator Browser website. A status display is provided to show the current status of each of the landing keypads, touch screens and cars.

2. Precautions

The Ethos Navigator hall call destination control system operates on a closed (or private) Ethernet network. Maintaining network security is very important for trouble free lift service. Only equipment provided by your lift installer should be connected to the Ethos Navigator network. No other equipment should be connected to the Ethos Navigator network. The Ethos Navigator network must not be connected to any other network or the Internet.

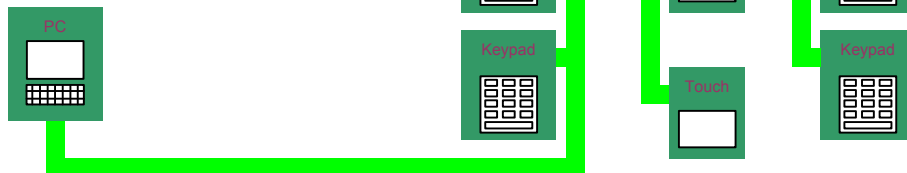
3. System Layout

The server comprises of these main components:-

1. Primary Navigator Server
2. Secondary Navigator Server
3. Ethernet Switches
4. Landing keypads and touch screens.
5. A remote PC for accessing the Ethos Navigator Browser website.

The Ethos Navigator Dispatcher Panel contains two identical industrial grade embedded PCs. The secondary server takes over in the event of a primary server failure. All of the landing keypads and touch screens are connected to the servers via an Ethernet network. One or more remote PC's may connect to the network to access the Ethos Navigator Browser website. The website is accessed via the Navigator Browser Launch program.

Ethos Navigator Browser



4. Navigator Browser Launch Program

The Navigator Browser Launcher Program (below) can be run by double clicking the desktop icon (below).



The main blue button will launch Internet Explorer and make a connection to the appropriate server.

The example to the left shows the primary server dispatching and the secondary server off-line.



The key (left) shows the possible status of the 2 server indicators. The primary server will not get a green light until it can see both the Ethos per car controllers and some Keypads or Touch Screens. At this point it's status will be green; the system is up and running, dispatching cars.

Ordinarily the secondary server indicator should have a yellow light indicating it is prepared to take-over from the master should the master server fail.

6. Passwords

Ethos Navigator Browser has three access levels :-

user	password
anonymous	-/-
manager	51513
engineer	refer to lift company for advice

The anonymous user is the default access level and does not require log on. The anonymous user has the lowest access rights, users at this access level can view lift status but are unable to change settings.

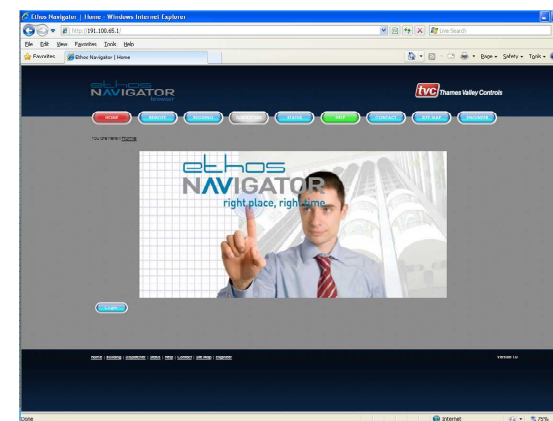
Users logged on at the manager level are granted access to the building (tenant details, network device status), dispatcher (parking, traffic and security) and remote (touch screen and keypad simulation) screens.

Users must be careful when making changes to the dispatcher settings. Improper configuration may be detrimental to lift performance or render the lifts inaccessible.

The engineer user log on has access to all of the manager level menus plus the engineer screens. The engineer menu is provided for lift installation / equipment manufacturer personnel only and is not covered in this quick start guide.

5. Navigator Browser Home

Across the top of the screen are selectable menu buttons. Clicking on a button takes the user to the relevant web page. A log on screen is displayed if the page has restricted access.



Main options:

Home – home screen (shown left)

Remote – landing touch screen / keypad remote operation

Building – Tenant data tables and touch screen / keypad network status display

Dispatcher – Parking, Security, User Group and Traffic configuration

Status – Real-time status displays and historic performance reports

Help – Ethos Navigator Browser context sensitive help text

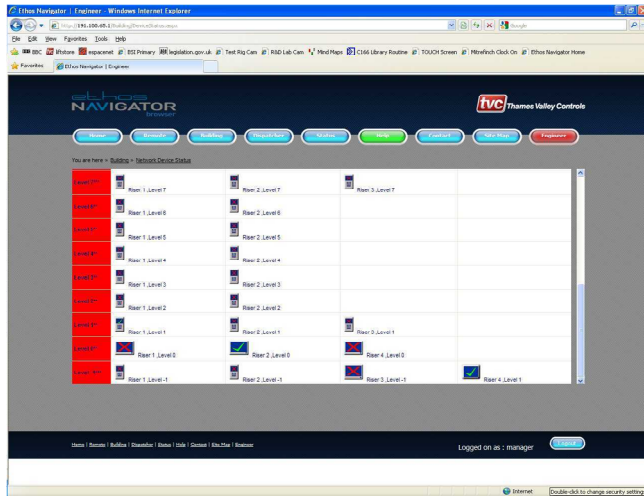
Contact – Equipment manufacturer contact details

Site Map – a comprehensive map of all web pages

Clicking the help button opens a new window with guidance text for the current menu selection. Users are advised to read the relevant help text before making changes.

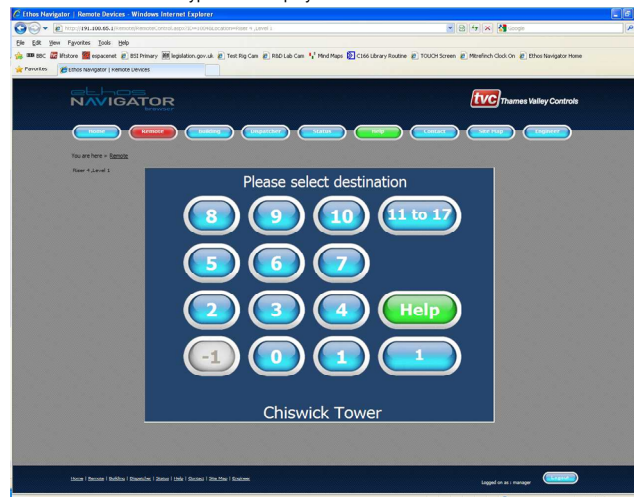
7. Building >> Network Device Status

This screen provides a graphical status view of all the touch screen and keypad call entry devices connected to the system. A red cross indicates the device is currently out of service and conversely a green tick indicates the device is active.



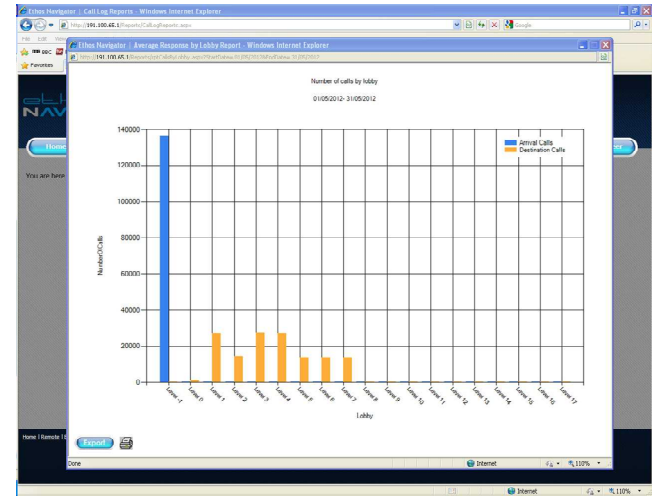
9. Remote >> Select (device)

This screen mimics the operation of the selected keypad or touch screen. Entering a call or activating a service will result in a real call being entered or activation of that service as if it had been entered through the physical device on the landing. Note that for user's convenience keypads are displayed as touch screens.



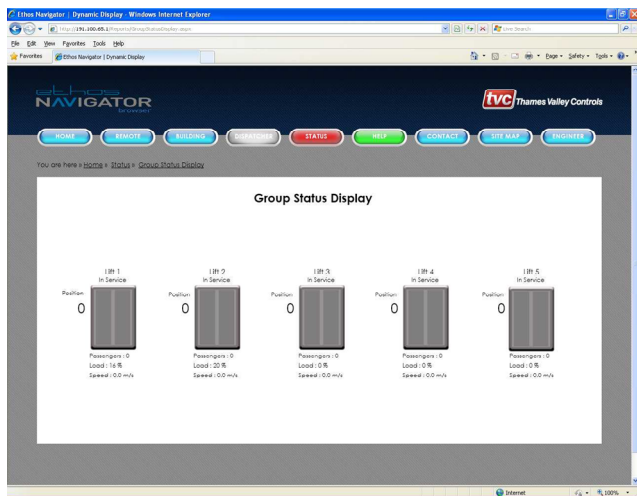
11. Status >> Call Log Reports

This screen provides access to the lift group performance reports. Start and end dates must be selected before a report can be produced. Response graphs show passenger waiting time.



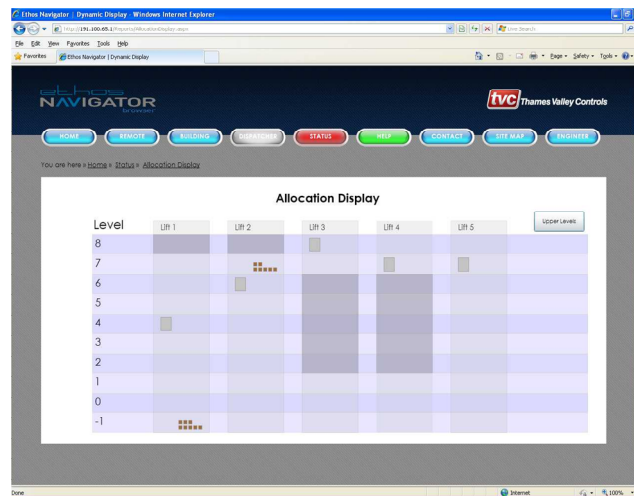
8. Status >> Group Status Display

This screen shows the current status of each lift car in the group and is a good quick reference screen for lift availability. If lift service is not available or the car is not communicating with the server it will be shown as out of service.



10. Status >> Passenger Assignments

This screen shows the allocation of passenger pick-up calls to cars. The calls (small brown squares) are removed from the display once the allocated car arrives at the floor to pick up the passenger. This screen serves as a lobby passenger queue indicator.



12. Dispatcher

This screen provides access to the main dispatcher configuration settings. Parking – define the levels cars automatically move to when idle. Security – create logical groups of users and define their access rights. Traffic – control how cars react to traffic patterns. **Users must read and understand the help text before changing settings.**

