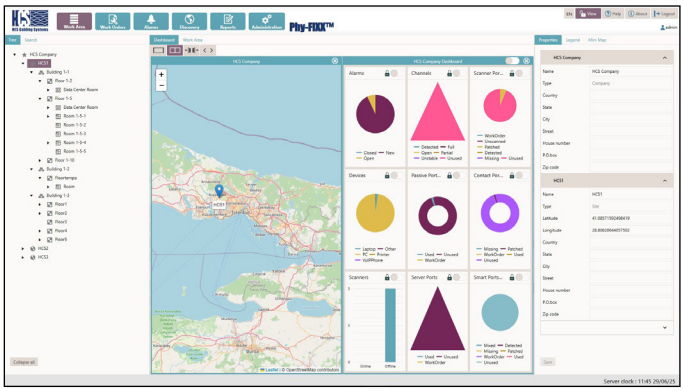
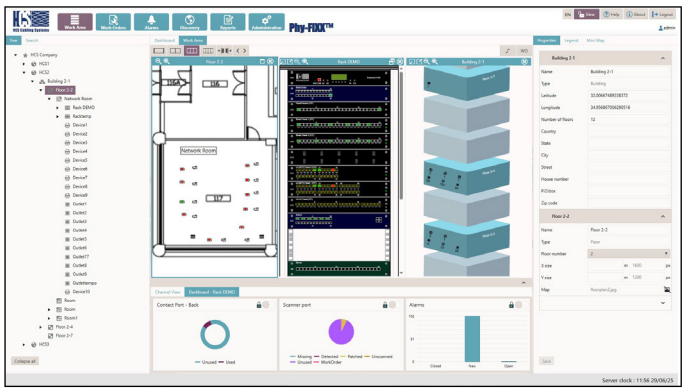
HCS Phy-FiXX™ Application Software & License





Description

Phy-FiXX™ is a revolutionary and advanced physical layer management suit providing enterprises with the ability to manage their Physical Layer infrastructure with a level of visibility & integration unique in the structured cabling industry. Using a combination of software, electronics and structured cabling products, Phy-FiXX enables users to track and manage their investment from planning through to design, procurement, installation, moves, adds and changes (MACs) and the eventual upgrade of the infrastructure, thereby spanning its entire lifecycle.

Phy-FiXX™ Application Software is the central data manager for the Phy-FiXX system. It manages OSI Layer 1 infrastructure elements and provides instantaneous information to the IT Manager about connectivity on Phy-FiXX enabled channels. The software documents planned work orders and detects unplanned (ad hoc) changes to the network. It allows continuous monitoring of the complete physical channel from work area outlet to the active network device.

Phy-FiXX™ Application Software automatically monitors all connections and disconnections, identifies and confirms port availability and notifies the IT Manager of all unscheduled or unauthorized network cabling changes. All moves, adds, and changes (MACs) detected on the network are automatically updated in the database.

Phy-FiXX™ Application Software is an HTML web based application that enables global network access by an unlimited number of users and provides cost effective and accurate network management.

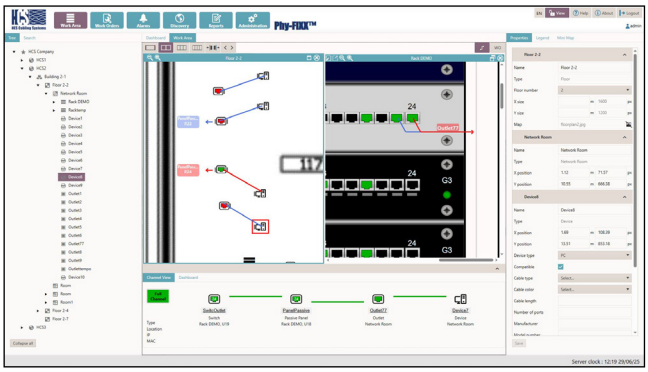
Phy-FiXX Reports allow the IT team to extract information contained in the Phy-FiXX system about the Layer 1 infrastructure and the assets connected to the infrastructure. Reports include information about assets, work orders, logs, MACs, and connectivity status of Phy-FiXX enabled channels.

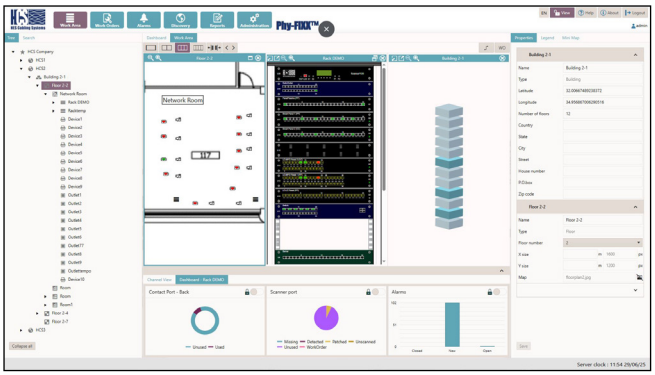
Phy-FiXX™ application software supports two modes of operations, Online mode and Offline mode. In Online mode the Phy-FiXX™ application software communicates with the Phy-FiXX™ hardware system, communicates with the Phy-FiXX™ Scanner and communicates with the Phy-FiXX™ smart panels. In Offline mode the Phy-FiXX™ application software works as a standalone software free of the Phy-FiXX™ hardware system.

Phy-FiXX 48 Managed Ports Software Licenses are used to enable activation of Phy-FiXX panels on Phy-FiXX scanners. Managed Ports Software Licenses are installed on the Phy-FiXX server. Each 48 Managed Ports Software License activates four scanner ports, which is ideal for low-density environments where the entire channel capacity of a scanner is not required. Multiple 48 Managed Ports Software Licenses may be installed on a scanner to provide a solution matching the number of channels served by a scanner.

48 Managed Ports Software Licenses can be added incrementally as additional channels are connected to the scanner. Each 576p scanner may have up to twenty-four 48 Managed Ports Software Licenses installed on it. 48 Managed Ports Software Licenses may be added to a scanner at any time.

Qualifications and Approvals

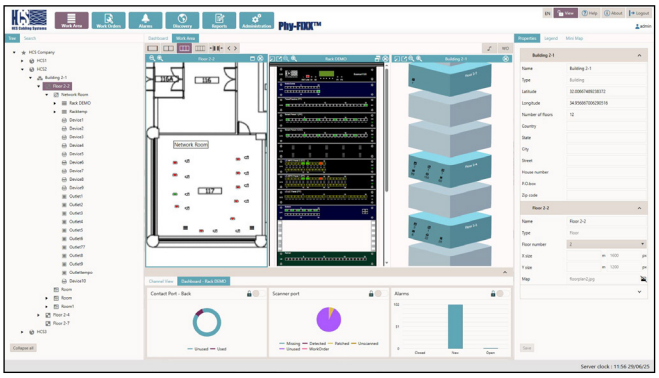




- HTML web-based.
- Hierarchal view of entire enterprise OSI Layer 1 infrastructure.
- Monitoring of all connections/disconnections.
- Drag and drop work orders.
- Work orders for end devices and wire closet patches.
- Guided patching.
- Search feature to easily locate assets and information.
- Event logs for audit trails.
- Assets linkage to building maps.
- X-connect & Inter-connect Channels.
- Enhanced graphics and mapping features, including Zoom, Pan, Scaling & Mini-map.
- Tracing feature across all channel elements.
- Channel wiring (Work Area & Rack).
- Building floors presentation.
- Sites Geographical map.
- Dashboard (Site, Building, Floor, Room & Rack).
- Multiple layout options for graph view.
- Bar/ Donut/ Pie/ Pyramid graph view.
- Graphs templates table view.
- Unrestricted number of users per license
- Active Directory/LDAP Users and Local Users.
- Email alerts.
- SNMP Traps alerts.
- Powerful Reports engine.
- Powerful Discovery engine (OSI Layer 2, Layer 3 & Layer 4).
- Online and Offline modes of operation.
- Multi language.
- HTML Help File.
- Patent protected technology.
- Comply with ANSI/TIA-5048.

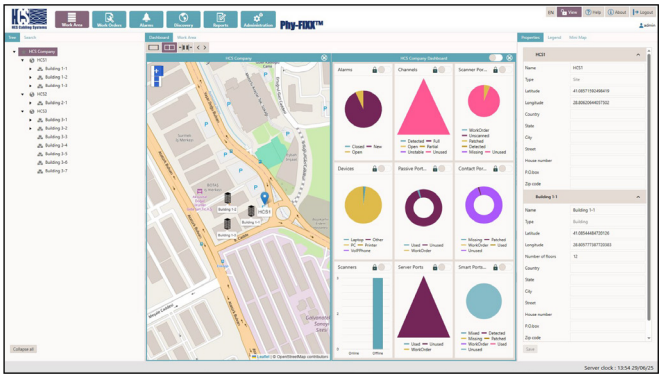
Technical Information

Phy-FiXX™ Application Software is designed for Windows 32 bit and 64 bit environments and requires a TCP/IP network.
The following system requirements are recommended:



Server*:
Supported Operating Systems:
- Windows Server 2022
- Windows 10 Pro or Windows 11 Pro

Server should meet Microsoft's recommended requirements



Database*:
- Microsoft SQL Server Express 2022
- Microsoft SQL Server 2022

Browser Support*:
- Google Chrome
- Recommended screen resolution of 1920 x 1080
- One year technical support provided with initial software purchase (can be renewed on an annual basis).

* HCS recommends Windows Server 2022 and SQL Server Express 2022

ORDERING INFORMATION

HCS P/N	Description
KSW-A5760	HCS Phy-FiXX™ Application Software
KSW-A576M	HCS Phy-FiXX™ Application Software - 1 Year Maintenance
KSW-L0480	HCS Phy-FiXX™ 48 Managed Ports Software License
KSW-L048M	HCS Phy-FiXX™ 48 Managed Ports Software License - 1 Year Maintenance
KSW-L0UL0	HCS Phy-FiXX™ Unlimited Managed Ports Software License
KSW-L0UL1	HCS Phy-FiXX™ Unlimited Managed Ports Software License - 1 Year Maintenance
KSW-A57F0	HCS Phy-FiXX™ Application Software - Offline
KSW-A57F1	HCS Phy-FiXX™ Application Software - 1 Year Maintenance - Offline
KSW-L04F0	HCS Phy-FiXX™ 48 Managed Ports Software License - Offline
KSW-L04F1	HCS Phy-FiXX™ 48 Managed Ports Software License - 1 Year Maintenance - Offline
KSW-L0UF0	HCS Phy-FiXX™ Unlimited Managed Ports Software License – Offline
KSW-L0UF1	HCS Phy-FiXX™ Unlimited Managed Ports Software License - 1 Year Maintenance - Offline