

profusion neXUS 360™

Advantages to upgrade from Profusion neXus LMS™

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This document outlines the features and benefits of upgrading from an existing **Profusion neXus LMS™/neXus™ Remote** installation to **Profusion neXus 360™** (for both “Compumedics-Hosted” and “Customer-Hosted” models).

Profusion neXus LMS™ vs Profusion neXus 360™ Feature Comparison

	Profusion neXus LMS™	Profusion neXus 360™
Dongle-based Software Licenses	✓	✗
Web-based Deployment of Software Updates	✗	✓
Windows 10 Operating System Support	✗ (Limited)	✓
Windows Server 2016 Support	✗	✓
Free-of-Charge Software Upgrades/Updates	✗	✓
Fine-grained user permissions	✗	✓
System Level Audit Log	✓	✓
Study Level Audit Log	✗	✓
2-Factor Authenticated Login	✗	✓
Physician-based Viewing Restrictions	✗	✓
Digital Report Signing	✗	✓
In-Built Compumedics Report Wizard	✓	✓
PC-Based Acquisition	✓	✓
Platform-Independent Reviewing	✗	✓
HL7 Compatibility	✓	✓
Interactive Dashboard Features	✗	✓
Time-based Appointment Scheduling	✓	✓
Resource-based Appointment Scheduling	✓ (Optional add-on)	✓
Drag-n-Drop Patient Waiting List	✗	✓
Study Query Tool	✓	✓
Customizable Lab Reports Functionality	✓ (Added Cost)	✓ (Included with Profusion neXus 360™)
Profusion PSG Report Templates	✓	✓ (Easily Accessible & Modifiable)
In-Built Report Template Editor	✗	✓
Physician Letter Templates	✗	✓
Optional Support for OnSight aEEG Access	✗	✓

Profusion neXus 360™ Highlights

Improved Security Options

- Control which users can see which studies.
- Control what action a user can perform on a study.
- Audit log/trails at both system and study levels:
 - **Study Log:** Easily access a comprehensive Study Log which details every time a user views, edits or adds to a study (previously only available at the system level in Profusion neXus LMS™).
 - **System Log:** Tracks every time a user logs on and from where.
- Referring Physicians can be limited to see only the studies they referred.

Report Signing

- Control who can digitally "Sign" reports.
- When signed, a digital thumbprint of the report is created and stored within Profusion neXus 360™.
- Profusion neXus 360™ can then compare the report to the thumbprint when it was signed to guarantee that it has not been changed.
- Individual signature image files for each user.
- View history of each report file.

Review Mode

- All browsers are supported, so easily accessible from PC, MAC, Linux platforms.
- No installation of Nexus Client / Profusion required.
- No USB Dongle required.

Software Update Process

- Entitled to all versions of software so always have access to the latest feature and improvements.
- Server updates that also require updates to client software will automatically prompt the user for any out-of-date workstations that require updates to be installed.

Other Features

- Interactive dashboard features for reporting widgets such as disk space, study states and study list.
- Time-based or resource-based (ie bed or device) scheduling with a drag-n-drop waiting list facility

- Report templates are now easily uploaded, accessed and edited within Profusion neXus 360™ (with an in-built editor so not reliant on Microsoft WORD™ or other word-processing packages)
- Now supports "Profusion" style letter templates in Patient / Service Details for generating Patient letters / forms.
- User selectable Language preference.
- Tracks acquisition Device type / serial number for every study.
- "360 Search" Study Query/Finder tool provides a user-definable search function of multiple study parameters that can be exported as .XLS or .CSV
- No user retraining as the underlying acquisition and analysis software remains unchanged.

Specific to "Compumedics-Hosted" Profusion neXus 360™ Customers

- **Secure logon:** 2 factor authentication
 - 1st Step: User logon and password (what they know)
 - 2nd Step: Enter a time-limited code (what they have)
 - This needs to be implemented by Compumedics administrators when setting up the Profusion neXus 360™ server and applies universally to all users on a given server.
- **System stability:** Cloud server provides > 95% uptime.
- Automatic (daily) backups of all data.
- Server Hardware never becomes outdated.
- **Scalability:** Lab expansion or increasing the number of studies to be performed doesn't require replacing/upgrading computer storage or hardware.

Specific to "Customer-Hosted" Profusion neXus 360™ Customers (with Existing IT support / Infrastructure)

- Upgrade from Profusion neXus LMS™ maintains access to existing data.
- Ability to run Profusion Native mode.
- Option to utilize MS Word for report editing.
- **Networking Firewall Friendly:** Only standard network ports HTTPS and SMB/CIFS are required to be open between the acquisition workstation and Profusion neXus Server (Previously ~50,000 ports required to be open for Profusion neXus LMS™).

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