Total patient data control
Reduce administrative paper overload!
Management system
ProFusion NeXus Laboratory
Network Systems Support
Business Operation Support
Reliable Information Access
Privacy and Data Security (HIPAA Support)
Study and Document Management
Total Patient Information Management
Workflow & Operational Efficiency

of your Compumedics lab. 

is designed to help manage all aspects
So much more than a database, neXus
software based laboratory with the

Enhance your Compumedics ProFusion
with your facility EMR.

> Integrated HL7 support for seamless communication
> Automatic data archiving management
> Supporting audit trails for security needs
> Management of network disk storage to ensure space
> Entry of an extensive list of details related to patient care
> Real time updates of any change in patient or study status
> Centralized access to all information related to a patient
> Security services to control access to data
> Diagnostic studies in the system
> Tracking and managing the location and current status of all
> Access to any patient's record from any authorized workstation

includes administrative tasks of important administrative tasks including:
and manage access to data in the laboratory and take charge of a number
in network environments of any size. The ProFusion neXus services control
At the heart of ProFusion neXus is a set of advanced features that operate
patients, data, decisions and documents in the modern laboratory.

ProFusion neXus is the basis of Compumedics' clinical application sleep
and research laboratories.

optimize administrative and operational workflow needs of busy diagnostic

The ProFusion neXus Laboratory Management System is designed to
ability to efficiently manage
significantly improve your
ProFusion neXus offers tools to

free up valuable staff time.

automatically, reducing errors and
study archiving activities are handled
space on recording computers and
such as managing free hard drive
maximize your laboratory
operations in one Control Center to

ProFusion neXus centralizes all

and neurology software. It provides comprehensive tools to help manage

and research laboratories.

Infor mation  for Each Study
Study details available include:
• Staff members involved with the
• Final diagnosis and treatment plan.

> Enter and Effortlessly
Track Advanced Information for Each Study

>Organize to Optimize

>Automatic Track Diagnostic Studies
A significant advantage of ProFusion neXus is the ability to track the active
quickly find studies that are ready
status of all studies. Your staff can
for scoring or have had final reports

generated. Built-in search tools and
filters make the process simple
and fast.

> Address Privacy and Security Concerns
ProFusion neXus addresses the need
to control access to protected health
information without compromising the
Advanced features include:
• Support for individual password controlled logons
• Automatic log off
• Roles-based access rights
• Secure access by group membership with
• Audit trails.

>neXus Scheduler
NeXus Remote provides secure, managed,
>neXus Remote

>Lab Reports
Lab activity reports to help you manage
the business.

> Customise studies list

>Retrieving Patient Data

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At the heart of ProFusion NeXus is a set of advanced features that operate patients, data, decisions and documents in the modern laboratory.

- **Integrated HL7 support for seamless communication**
- **Automatic data archiving management**
- **Supporting audit trails for security needs**
- **Maximizing network disk storage to ensure space availability for data collection**
- **Entry of an extensive list of details related to patient care**
- **Real time updates of any change in patient or study status**
- **Centralized access to all information related to a patient**
- **Security services to control access to data**
- **Tracking and managing the location and current status of all diagnostic studies in the system**
- **Access to any patient’s record from any authorized workstation**

The ProFusion neXus Laboratory Management System is designed to optimize administrative and operational workflow needs of busy diagnostic and research laboratories. It enhances your Compumedics ProFusion with your facility EMR.

ProFusion neXus offers tools to integrate with NeXus Remote to provide access to centralized data and Nexus applications can integrate with NeXus and report generation. A range of ProFusion acquisition, analysis and report generation capabilities.

**Advanced features include:**

- **Support for individual password controlled logons**
- **Automatic log off**
- **Roles-based access rights**
- **Secure access by group membership with**
- **Audit trails.**

**neXus Scheduler**

- **Appoint appointment times**
- **Intuitive searching for available appointment times**
- **Useful for both consultation and lab environments.**

**Lab Reports**

- **Lab activity reports to help you manage the business.**

**neXus Remote**

- **Provides secure, managed, in-client based access via the Internet to**
- **Waiting list manager allows you to quickly re schedule appointments**
- **Useful for both consultation and lab environments.**

**Data Query**

- **Customise studies list**
- **Patient Details**
- **Automatic Archiving**
- **Basic Query and Report tools**
- **Create custom search criteria to find studies**
- **Pull specific data from the selected studies**
- **Group copy or process the selected studies.**

**Address Privacy and Security Concerns**

ProFusion neXus addresses the need to control access to protected health information without compromising the confidentiality of patient information. Advanced features include:

- **Support for individual password controlled logons**
- **Automatic log off**
- **Roles-based access rights**
- **Secure access by group membership with**
- **Audit trails.**
Reduce administrative paper overload! ProFusion NeXus store all information regarding the number, location and available space on all registered storage devices on the network.

Within ProFusion NeXus, as a record is marked closed, the database automatically archives the record to an available writeable media with the appropriate level of free space. The copy is automatically verified and ProFusion NeXus prompts the user to print the labels for the media and storage case. The storage case label provides a list of patient studies and a unique identifying number.

It’s automatic and just that simple! Alternatively, utilize the convenience of Network Attached Storage (NAS/SAN) devices, including tape backup, for all your data storage.

WAN neXus Server

Laptop

Workstation

Store & Forward

Online Datastore

Ad-Hoc

Network Connection

Studies scored on server

Online Datastore

for score & study import

Recorders

WirelessRecorders

Peer Online Datastore

Recorder

Workstation

Reader

Media Library

Remote neXus Server

Recorders

Workstation

Reader

Media Library

Managed Data Storage

NeXus provides for both distributed and/or centralized storage of data and reports. Allowing the user to tailor each installation to their particular needs. To provide the ultimate in data security, Compumedics can install computer systems utilizing mirrored hard drives or external backup systems. If desired, acquired studies can automatically be pushed to a Datastore on the neXus Server.

Managed Multiple Locations Centrally

All of the features detailed will work in any network environment, even across wide area networks (WANs). ProFusion NeXus is uniquely qualified to manage large, multi-site laboratory networks where simple and centralized data access is crucial.

Yes, ProFusion NeXus can help raise your lab to a new level of efficiency. Contact Compumedics to discuss implementation of ProFusion NeXus in your lab.