Nexus 360

Universal access
History

- Compumedics founded in 1986
- Listed on the Australian Stock Exchange
- Specialises in EEG clinical and research as well as PSG diagnostics
- Introduced the first integrated laboratory management system in 2000 for Sleep and EEG laboratories
Nexus

Typical Nexus Installation

- 2000+ sites around the world
- In lab network with server and storage local
- Customer managed
Nexus

- Complete data management solution
- Workflow integration
- Automatic archiving
- Searchable statistics and reports
- Complete access to any PC on the Nexus network
Nexus

- Based on conventional IT approaches and infrastructure
- Significantly improved the productivity of the EEG/Sleep laboratory
- Can provide reach but needs IT expertise
- Still significant overhead in maintenance and archiving
Nexus360

- Built on the proven platform of Nexus with over 15 years of customer use and thousands of users
- Extends Nexus to provide a full web based interface
- Allows for Nexus and study access on a variety of devices including PC’s, Phones (iOS and android), Tablets
- Provides enhanced study access and security
Nexus360

There are two deployment models that can be used depending on your requirements.
Nexus360 - deployment

Cloud based. In this model Nexus360 is fully hosted in the cloud and provided and managed by Compumedics

- No investment in hardware or software required
- Fully maintained
- Only pay for what you use
- Data lives in the cloud in a secured environment with scalable archiving
Nexus360 - deployment

On Premises

In this model Nexus360 can be added to an existing Nexus server and network.

- All data lives on the local network (may be a hospital policy)
- In house performance and user experience is preserved
- Still provides remote reach and platform independence both in house and remotely (remote experience determined by internet connection)
- Software and system is still maintained by Compumedics remotely
Nexus360 - deployment

Considerations

On-Premises - Location - Off-Premises
Heterogeneous - Infrastructure - Homogeneous
CapEx - Business model - OpEx
Own - Ownership - Lease/Rent
Self - Management - Third Party
Cycle in Years - Technology Updates - Cycle in Months
On-Premises - Policy & Compliance - Off-Premises
Built for Peak - Scale - On-Demand

‘Defining Life’s Signals’
**Nexus360 - deployment**

- **On-Premises**
  - 9% Software Licenses
  - Customization & Implementation: 43%
  - Hardware: 26%
  - IT Personnel: 14%
  - Maintenance: 7%
  - Training: 1%

- **On-Demand**
  - 68% Subscription Fee
  - Implementation, Customization & Training: 32%

- Ongoing IT workload:
  - Fixes, Patches
  - Maintenance & upgrades:
    - Hardware
    - Network
    - Downtime
    - Performance tuning
    - Security
    - Rewrite customizations
    - Database
    - Rewrite integrations
    - Upgrade dependent applications
    - Disaster recovery

- **Defining Life’s Signals**
Nexus360

Platform independent

Phone

Tablet

PC

A modern cloud service for Sleep and EEG studies.

‘Defining Life’s Signals’
Nexus 360

Browser Independent
- Internet Explorer
- Chrome
- Firefox
- Safari
Nexus360

Location independent

- As long as you have a browser and an internet connection you have access
### Patients

<table>
<thead>
<tr>
<th>Edit</th>
<th>Reference</th>
<th>Title</th>
<th>First Name</th>
<th>Last Name</th>
<th>Gender</th>
<th>Date of Birth</th>
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<tbody>
<tr>
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<td>Many</td>
<td>PLM</td>
<td>??</td>
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<td>10/11/1528</td>
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<td>10/17/1952</td>
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<td>Sample</td>
<td>Siesta</td>
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1 - 8 of 8 records

[ADD PATIENT]
Nexus360 - Patients

- Presents the same information as Nexus patient application
# Nexus360 - Studies

## Study Table

<table>
<thead>
<tr>
<th>Reference</th>
<th>First Name</th>
<th>Last Name</th>
<th>Service Type</th>
<th>Start Time</th>
<th>Stop Time</th>
<th>Status</th>
<th>Size (Mb)</th>
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<tbody>
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<td>Sleep Migration</td>
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<td>8/19/2003 6:21 AM</td>
<td>Preliminary</td>
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<td>EEG Migration</td>
<td>3/16/2015 11:16 AM</td>
<td>3/16/2015 6:42 PM</td>
<td>Reported</td>
<td></td>
</tr>
</tbody>
</table>

### Filter Options

- Clear Filter
- Starts with
- Ends with
- Contains
- Does not contain
- Equals
- Does not equal

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‘Defining Life’s Signals’
Nexus360 - Studies

- Provides the same information as the Nexus service details application
- User definable fields and customisable layout
Nexus360 – Patient and study

- Can add arbitrary documents at the patient and study level just like Nexus
- Click on the view document to open in the browser
Nexus360 – Sleep web view

- Full browser based viewing of PSG study data
Nexus360 – Sleep web view

- View study log
- View summary
- View configuration
- Edit events and sleep stages
- Run automatic analysis
Nexus360 – PSG web Report

Full browser based reporting
- Generate report
- View report
- Edit report
- Sign report
Nexus360 – EEG web view

- Fully touch enabled EEG review
- Fully touch enabled EEG live view
- Including video
Nexus360 – Advanced access

- Advanced access provide an identical user experience to the in laboratory native software.
- It requires a keyboard and mouse for full productivity
Nexus360 - Security

- User based account login
- Group based security
Nexus360 – What can you do?

- Group based user rights
- Discrete options on user actions
- Fine grained control
Nexus360 – What can you see?

- You can define default study access by group
- This applied to all studies
- Can be based on:
  - Service
  - Study Type
  - Site
Nexus360 – Individual study

- Individual studies can also have customised access.
- Studies can be assigned to one or more groups for additional access.
Nexus360 – Advanced access

- Provides true platform independent access to full scoring and review software
- Browser independent HTML5 Solution
Nexus360

Universal access to study data and reports from anywhere anytime on any device