

## EntHIN™ Enterprise Health Information Network

### *A Comprehensive suite of Server, Client and Adapter Software Products and Services for initiating, growing and sustaining health information exchanges and networks*

HealthUnity is unique in its approach to helping organizations create Enterprise Health Information Networks.

As a customer you can initiate your own network. We can then provide you with the technology to quickly build the network.

**Or**

You can join an existing network run by HealthUnity and leave all the hassles to HealthUnity!

#### **HealthUnity Network Services†**

- Enterprise Master Patient Index
- Peer-to-peer secure network
- Workflow services
  
- Demographics
- Problems list
- Allergies
- Medications
- Immunizations
- Progress notes
- Discharge summaries
- Other clinical documents
  
- Secure messaging
- Electronic referrals
  
- Lab & Radiology results delivery
- Electronic Prescriptions
  
- Bidirectional adapters for popular vendor applications
- Many more new services under development!

#### **Pricing†**

- Flexible licensing model
- No minimum term commitment

The era of proven and product-based health information networks (HINs) is here. The company that is leading that revolution is HealthUnity®. Named to Hospitals and Health Networks™ magazine's coveted "Companies to Watch 2006" list, HealthUnity is creating a silent revolution in the art and science of secure, privacy-protected health information sharing. HealthUnity was recognized by HIMSS and MS-HUG as a "finalist" among several candidates for the coveted "Interoperability Award" for 2007.

Hospitals and Integrated Delivery Networks (IDNs) have traditionally struggled with getting their internal silos of clinical data to communicate with each other such that a 360 degree view of a patient can be made available. An Enterprise Health Information Network™ is a secure, privacy-aware health information network that an IDN can deploy to create a longitudinal view of the patient's clinical information across all of its care settings using the latest in service-oriented architecture. The solution provides not only a 360 degree view in the form of a web-based user interface but also enables bi-directional data integration/interfacing technology depending on the customer's requirements. The HealthUnity EntHIN™ solution lets IDNs and hospitals incrementally deploy this solution by adding internal clinical systems one by one.

#### **The Key Elements of the HealthUnity EntHIN™ Solution**

The HealthUnity solution for building enterprise health information networks consists of the following elements:

- **Server Products** - A set of server products that help establish the network service (Network Edition), lets hospital systems connect to such a network (Hospital Edition), lets ambulatory systems connect to such a network (Physician Edition) and lets departmental systems such as labs and radiology connect (Ancillary Edition) as well. The network enables bi-directional standards-based data views and exchange across the IDN.
- **Client Tool** – A smart client UI (HealthUnity Client) that provides the ability to interact with the network to take advantage of practically all services offered by the network such as generated enterprise-wide clinical summaries, electronic referrals, send and receive secure messages and documents, manage patient demographics, medications list, problems list, allergies and clinical documents, just to name a few.
- **Adapters** - A set of adapters that let existing applications (such as practice management systems, electronic medical record systems, ADT systems, HIS systems and ED systems) easily connect to the network in a secure and privacy-aware manner. We have several off-the-shelf adapters for the most popular systems.
- **Implementation** - Comprehensive set of services that help deploy the solution
- **Services** - A set of optional post-production set of services such as support, network roll out, adapter management etc that help you build out the entire network
- **Partners** – A team of trained and certified partners who provide various complementary products and services that work well with the HealthUnity network.

To run HealthUnity Hospital Edition or Physician Edition or Ancillary Edition you require:

- Microsoft Windows® XP Professional SP2, Windows® Vista, Windows® 2000 Professional SP6, Windows® Server 2003 SP1 or later
- Internet Information Server 5.0 or later
- Microsoft .Net Framework 1.1
- Personal computer with an Intel Celeron 1.0 GHz or higher processor
- At least 512 MB of memory
- Hard-disk space for core components: 100 MB
- Database capacity requirements depend on number of patients.

Recommended:

- Windows® Server 2003 SP1 or later
- Internet Information Server 6.0 or later
- Microsoft .Net Framework 1.1
- Two server class computers with Dual Core Pentium 3.0 GHz
- 1 GB of memory each
- SCSI RAID 5 - capacity depending on number of patients.

To use HealthUnity Client you require:

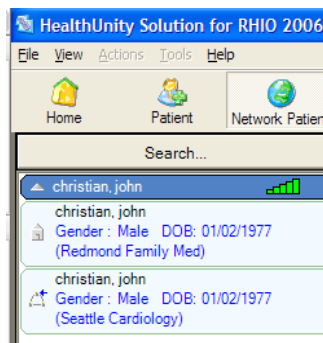
- Microsoft Windows® XP Professional SP2, Windows® Vista, Windows® 2000 Professional SP6, Windows® Server 2003 SP1 or later
- Internet Explorer 4.0 or later
- Microsoft .Net Framework 1.1
- Personal computer with an Intel Celeron 1.0 GHz or higher processor
- At least 256 MB of memory
- Hard-disk space: 100 MB

Recommended:

- Microsoft Windows® XP Professional SP2 or later
- Internet Explorer 6.0 or later
- Microsoft Office® Professional 2003
- Personal computer with an Intel Pentium 4 2.0 GHz or higher processor
- 512 MB of memory
- Hard-disk space: 100 MB
- Microsoft .Net Framework 1.1

HealthUnity Network Edition	
Start a network for 2 entities or for 200 entities	<ul style="list-style-type: none"> <li>• We can provision a hosted secure and private network that scales as your needs scale</li> </ul>
Grow incrementally	<ul style="list-style-type: none"> <li>• We can create a dedicated network as your needs grow thus keeping your costs reasonable</li> </ul>
Starting a network takes less time than you think	<ul style="list-style-type: none"> <li>• We can have your entire network running in as less as a day; typical networks get started within 30 days</li> </ul>
HealthUnity Hospital Edition	
Keep your data to yourself	<ul style="list-style-type: none"> <li>• Data is your crown jewel. Our flexible model lets you to host your data within your network hence maintaining control.</li> </ul>
Enforce your security, privacy and access control policies	<ul style="list-style-type: none"> <li>• As an organization you have spent extensive amount of time creating those policies. Leverage it.</li> </ul>
Leverage your current investments in IT	<ul style="list-style-type: none"> <li>• IT investments in clinical and hospital systems can be leveraged and interfaced using HL7 or other standards.</li> </ul>
HealthUnity Physician Edition	
Easy roadmap to EMRs	<ul style="list-style-type: none"> <li>• Many practices are looking to go to EMRs. We provide an entry level client that works well with many EMRs.</li> </ul>
One interface to HealthUnity	<ul style="list-style-type: none"> <li>• EMRs need a lot of external data. Each interface can be expensive. With HealthUnity you only need one interface.</li> </ul>
Enhance quality, productivity and patient experience	<ul style="list-style-type: none"> <li>• Achieve these goals with an EMR, PMS and HealthUnity service</li> </ul>
HealthUnity Ancillary Edition (for Laboratories and Radiology centers)	
Distributing results has never been easier and cheaper	<ul style="list-style-type: none"> <li>• Distributing results manually is expensive. HealthUnity takes the results right out of the LIS/RIS systems and distributes it.</li> </ul>
Let someone else create those interfaces	<ul style="list-style-type: none"> <li>• Results that reach an end point need to be interfaced to existing systems. HealthUnity takes care of it for you.</li> </ul>
Offer additional services	<ul style="list-style-type: none"> <li>• Starts with results delivery and move to additional value added services such as orders, announcements etc.</li> </ul>

*HealthUnity lets you search for patient data across the entire continuum of care. Data returned can be viewed and selectively imported to your internal systems so you have the most comprehensive record for the patient. Best of all we leverage existing standards like HL7 & XML.*



**Security** – Security is paramount in any healthcare network. HealthUnity addresses security by addressing it comprehensively from a process, physical and technical angles.

**Privacy** – Privacy of patient data is governed by federal and state laws. HealthUnity permits access to patient data only to authorized healthcare providers for care provisioning purposes. All access is further logged and audited.

EntHIN™ Enterprise Health Information Network documentation, tools and examples are available for download at <http://www.healthunity.com>

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†Availability and pricing varies by region. Please contact HealthUnity for further details.