

## HealthUnity Appliance for HealthVault

### *A Comprehensive suite of Server and Adapter Software for connecting provider systems and Health Information Exchanges to Microsoft HealthVault*

HealthUnity is unique in its approach to helping organizations connect to their patient community through Microsoft® HealthVault.

As a customer you can easily deploy and manage the data sharing from your institution to Microsoft® HealthVault™ and vice versa.

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

- Regional 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
- HealthVault Connector service
- 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.

What do several hospitals in New York, Maryland and Washington have in common? They are all building state-of-the-art, web services based, secure, privacy-aware regional health information networks (RHINs) using HealthUnity's RegHIN product. With the advent of Microsoft® HealthVault™, several providers are keen on interacting with their patients through the robust tools provided by HealthVault. HealthUnity provides an easy-to-use and cost-effective solution that meets these goals.

Typical customers who initiate and sponsor health information exchanges are: Hospitals, IPAs and public health departments.

### **The Key Elements of the HealthUnity Appliance for HealthVault**

The HealthUnity solution for connecting to HealthVault consists of the following elements:

- **Server Products** - A set of server products that help establish the network service (Network Edition), let hospitals connect to such a network (Hospital Edition), let physician practices connect to such a network (Physician Edition) and let ancillaries such as labs and radiology centers connect (Ancillary Edition). The network enables bi-directional, standards-based clinical data exchange through a routing server connected to HealthVault. The network provides several smart services including a Master Patient Index (MPI), automated publishing, record location, workflow services, direct importation, highly granular privacy management and security features.
- **Client Tool** – A smart client UI (HealthUnity Client) that provides the ability to interact with the HIN in order to perform practically all services offered by the network such as access clinical summaries, perform 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.
- **Personal Health Record Routing Service and Portal**– A routing service that securely exchanges documents between your clinical systems and HealthVault. The optional portal works with HealthVault and can act as an end-user tool for patients to view selected clinical data; set data sharing permissions and perform account enlistments.
- **Implementation** - Comprehensive set of services that help deploy these solutions at your location and that of your partners. We offer industry leading "time-to-solution" and lowest total cost of ownership.
- **Services** - A set of optional post-production set of services such as support, network roll out, partner management etc that help you build out the entire network.

To run HealthUnity Hospital Edition or Physician Edition or Ancillary Edition or Connector for HealthVault 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 2.0
- 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 2.0
- Two server class computers with Pentium Core 2 Duo 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 2.0
- Personal computer with an Intel Celeron 1.0 GHz or higher processor
- At least 256 MB of memory
- Hard-disk space: 100 MB

Recommended:

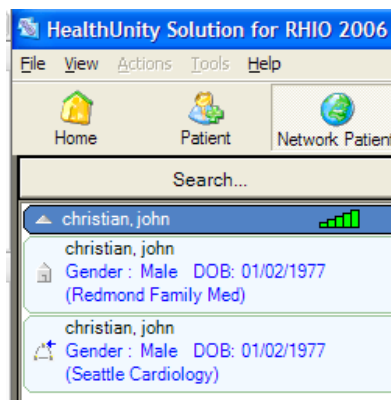
- Microsoft Windows® XP Professional SP2 or later
- Internet Explorer 6.0 or later
- Microsoft Office® Professional 2003
- Personal computer with an Intel Pentium 4 2.0 GHz or higher processor
- 512 MB of memory
- Hard-disk space: 100 MB
- Microsoft .Net Framework 2.0

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

HealthUnity Hospital Edition	
Start a network for 2 entities or for 200 entities Grow incrementally Starting a network takes less time than you think	<ul style="list-style-type: none"> <li>• We can provision a hosted secure and private network that scales as your needs scale</li> <li>• We can create a dedicated network as your needs grow thus keeping your costs reasonable</li> <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 / HealthUnity Physician Edition	
Keep your data to yourself Enforce your security, privacy and access control policies Leverage your current investments in IT	<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> <li>• As an organization you have spent extensive amount of time creating those policies. Leverage it.</li> <li>• IT investments in clinical and hospital systems can be leveraged and interfaced using HL7 or other standards.</li> </ul>
HealthUnity Ancillary Edition (for Laboratories and Radiology centers)	
Distributing results has never been easier and cheaper Let someone else create those interfaces Offer additional services	<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> <li>• Results that reach an end point need to be interfaced to existing systems. HealthUnity takes care of it for you.</li> <li>• Starts with results delivery and move to additional value added services such as orders, announcements etc.</li> </ul>
HealthUnity Connector for Microsoft HealthVault	
Connecting to HealthVault Patient permissions Auditing, managing, controlling the data sharing	<ul style="list-style-type: none"> <li>• Extract data from your internal clinical systems and share selected data with patients.</li> <li>• Record patient consent and individual data sharing preferences.</li> <li>• Use the robust set of tools to help you comply with federal and state regulations.</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.

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