Introduction to Health Information Exchange
A Health Information Exchange (HIE) provides electronic clinical interoperability between physicians, hospitals, labs, pharmacies and other health care providers. Health records, prescription information and results from tests are delivered instantly, accurately and securely where and when they are needed, instead of waiting for faxes or mail.

**Exchange Capabilities of HealthHIE Nevada**

**DIRECTED EXCHANGE**
A directed exchange is often compared to sending a secured email. It is used by providers to easily and securely send patient information directly to another health care professional in an encrypted, secure and reliable way. This form of information exchange enables coordinated care, benefitting providers and patients.

**QUERY-BASED EXCHANGE**
A query-based exchange is used by providers to search and review accessible clinical sources of information about a patient. This type of exchange is often used when delivering unplanned care such as an emergency room visit where physicians can utilize query-based exchange to access medication information, recent radiology images and previous diagnoses.
Healthcare organizations are experiencing substantial pressures from initiatives and reforms such as new payment models, care quality measures and Meaningful Use requirements. Key to your success in this new environment is HIE technology. Through your participation in HealthHIE Nevada, healthcare data can be securely shared between organizations to help you comply with new specifications.

HealthHIE Nevada is a private, nonprofit, community-based HIE dedicated to connecting healthcare organizations by managing real time, secure, and accurate exchange of clinical information. HealthHIE Nevada operates throughout the entire state, and is the only HIE open and available to the entire Nevada healthcare community.

HealthHIE Nevada is managed under contract by HealthInsight Nevada.

**HealthHIE Nevada**

- Enables all healthcare settings to participate in the network
- Decreases your operational expenses while increasing efficiency
- Greatly enhances care coordination and is especially useful for referrals and emergency room visits
- Meets HIPAA privacy and security requirements
- Can assist in meeting Stage 2 Meaningful Use requirements
HealtHIE Nevada products and services

**HIE Web Access**
With patient consent, clinical information from hospitals, diagnostic imaging centers, laboratories and physician offices are available to treating providers through a web-based portal. HIE Web Access provides access to the most complete longitudinal patient record available in Nevada and is the most common method of interaction between community providers and the HIE.

**Image Exchange**
Image Exchange enables electronic sharing of diagnostic-quality images between health care professionals. Participants can quickly access images from Picture Archiving and Communication Systems (PACS) from participating imaging providers. A provider can access these images from their Electronic Medical Record (EMR) or through HIE Web Access. See our special section on Image Gateway in this brochure.

**Project Management and Implementation**
HealtHIE Nevada will provide a project manager to coordinate the implementation of your third-party EMR interface. Your project manager will customize a plan based on your needs and chosen products and services. This 12-week process includes a kick-off meeting, implementing the customized project plan, data validation, go-live and hand-over to ongoing support.

**Workflow Analysis and Redesign**
HealtHIE Nevada’s workflow specialists will help you make the transition from your current workflow to a future state that integrates HIE-related processes. We offer up to 16 hours of analysis and redesign consultation as part of the subscription fee.

**Education and Training**
Prior to going live, HealtHIE Nevada will provide up to 40 hours of customized training per site. We will train onsite—and virtually—through self-directed manuals and workbooks.

**Support/Client Services**
No technology service would be complete without a support service team. The team will handle all of your support requests quickly and efficiently for the life of your HIE participation.

**IT Resources**
HealtHIE Nevada can provide IT resources, when applicable, to support physician offices during their implementation of data exchange through vendor interfaces.

“Having HIE as part of our organization was a must and should be for any business opening its doors in the medical field. It’s the number one customer-friendly thing we do.”

Tina Drago, CEO
First Person Care Clinic
Get the full story with HIE Web Access

Emergency room doctors use this crucial tool to determine care history. Physicians use it to gather information on patients who may not remember or share critical details of their care.

Your HealtHIE Nevada subscription includes HIE Web Access, providing a longitudinal view of patient records by displaying demographic and clinical data provided by participating organizations. With HIE Web Access, providers at the point of care can make more informed clinical decisions and redundant tests can be avoided, reducing costs while increasing quality of care.

Through HealtHIE Nevada’s HIE Web Access, users have the ability to consume information through a variety of methods including sending patient information via HL7 messaging directly to their Electronic Health Record (EHR).

Patient records may include vitals, problems, encounters, immunizations, allergies, medications, advanced directives, laboratory results, diagnostic quality imaging with associated reports, and additional attachments that exchange participants have contributed or made.

HIE Web Access also includes alert flags tied to the results of laboratory tests, the ability to manage patients’ HIE consent setting and patient search by name, with optional date-of-birth, gender or ZIP code fields.
A picture is worth a thousand words

With **Image Exchange**, any authorized provider can access patients’ past and current x-rays, MRIs, CT scans and ultrasound images with a single click. This technology is fully integrated, providing you with a truly comprehensive patient record in full diagnostic quality—*when and where needed!*

### Real Time Image Collaboration
**Collaborate with other HIE users in real time.** With a single click from the eHealth-Viewer ZF, you can initiate an immediate screen sharing consultation with any other authorized care provider in the community. The eHealthViewer® ZF Collaboration Tool delivers real-time image review and interaction for healthcare professionals.

### Image-Enabled Results Reporting
**Provide access to images directly from the HIE clinical portal.** HIE users can view studies of interest on the eHealthViewer ZF, a unified zero-footprint, web-based viewing platform that is also a fully diagnostic-quality FDA 510(k) Class II medical device.

### Secure Transfer of Images
**Installed in a secure location within your network.** The software will transfer imaging studies to and from the PACS using standard DICOM communications. Images received from the PACS are immediately encrypted and transferred over a secure SSL connection, providing a double layer of encryption. Once in a secure location on the HIE, the images are decrypted, stored, and made available for access to authorized users.
It’s simple.
Image Exchange is easy to install and use. There are virtually no special hardware or VPN access requirements. Nearly any amount of local memory and processing power is sufficient. The application is so light that it will easily run on any PC environment, including a mobile device. Once installed, you simply click on the image icon at the top of a patient’s report to launch the eHealthViewer and examine diagnostic-quality images such as a patient’s x-ray, color ultrasound, CT and MRI/PET images. It’s that simple!

It’s secure.
Image Exchange utilizes a secure and straightforward approach. Servers and storage are housed in a tier-1, HIPAA-compliant data center, utilizing VPN connectivity between the data center and imaging providers. Minimal hardware is required and communication with imaging providers’ PACs is via standard DICOM. No imaging data is downloaded to the user system. Community users may only access images authorized through the HIE, preventing unrestricted access to the general population.

It’s fast.
Images that traditionally took you hours and even days to receive are now available in seconds! Authorized users have a unified and robust viewing platform for accessing images from a PACS connected to HealtHIE Nevada. No more lost images, films or discs. No more large file transfers. No more wasted time and money on duplicate procedures. You will have the necessary data at your fingertips to provide clinically-informed, patient-centered care.

The patient was treated for small cell lung cancer with chemotherapy, local chest radiation and prophylactic cranial irradiation. He was also treated with IV Ig infusions and donazosin. His symptoms completely resolved after treatment. A repeat CT scan and positron emission tomography (PET) scan of his body demonstrated no further abnormalities. Magnetic resonance imaging (MRI) of the head showed numerous small foci of high T2 fluid attenuation inversion recovery in the subcortical, deep and periventricular white matter of the cerebral hemispheres blader.
According to a recent study, the average primary care physician in the United States interacts annually with 229 other doctors in 117 different practices, yet many providers still rely on paper, fax and physical transport to transfer patient information. These methods are slow, unsecure and add significantly to administrative costs. Under the 2014 Edition (Stage 2) Meaningful Use requirements, healthcare organizations are required to be able to send and receive clinical summaries via Direct Messaging.

HealthIE Nevada’s Direct Messaging offers a standard, secure messaging exchange method that can help you achieve Stage 2 Meaningful Use, while providing an efficient point-to-point vehicle for the exchange of timely patient data.

Through our Direct Messaging system, a primary care provider can send clinical data to a specialist to initiate a referral, and the specialist can send completed consultation notes and data back to the referring provider, directly and securely. It’s the only way to electronically exchange patient information directly between clinicians’ EHRs.

Direct Messaging also increases security of patient records, ensuring that they reach their intended destination in an auditable way.

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### HealthIE Nevada

- The only HIE operating throughout the entire state of Nevada
- Integrates with Veterans Health Administration
- Integrates with Social Security Administration
- Delivers admissions and discharge alerts
- Ingrates public health immunization and syndromic surveillance information
- Utilizes EHR connectivity
- Capable of CCD/CCDA exchange

### HealthIE Nevada includes:

- Hospital laboratory data
- Hospital radiology reports
- Hospital diagnostic images
- Hospital discharge summaries
- Commercial laboratory data
- Commercial radiology center reports
- Commercial radiology center images
Frequently asked questions about HealtHIE Nevada

Q: What kind of information is available through HealtHIE Nevada?

A: HealtHIE Nevada has lab, radiology reports, and images and transcription information available for most of the large acute care hospitals, imaging centers and laboratory systems in Nevada.

Q: Can HealtHIE Nevada connect to my Electronic Health Record (EHR)?

A: Yes, HealtHIE Nevada is able to connect to any EHR with HL7 Messaging capabilities.

Q: Why is HIE important for achieving Meaningful Use?

A: As Stage 2 Meaningful Use, Patient Centered Medical Homes and Accountable Care Networks take effect in Nevada, physicians are increasingly looking for a method to reliably and securely send and receive patient health information along the continuum of patient care. Your participation in HealtHIE Nevada can help you meet these increasing requirements.

Q: Is there a cost to connect to HealtHIE Nevada?

A: HealtHIE Nevada will not charge a fee to connect an EHR to the HIE. However, in most cases, your EHR vendor will charge a one-time interface fee and an ongoing maintenance fee to connect an EHR to any exchange.

Q: Is there the ability to access the HIE without connecting my EHR?

A: HealtHIE Nevada has a web-based application that allows authorized users to access patients’ records when needed. HealtHIE Nevada refers to these services as HIE Web Access. This allows participation in the HIE without the need for an EHR or an EHR connection.

Q: Is there a cost for participating with a HealtHIE Nevada?

A: Yes, there is a monthly cost for participation in HealtHIE Nevada that is determined by your setting and size.

Q: Who are HealtHIE Nevada’s participants?

A: A complete list of participants is available on the HealtHIE Nevada website. New participants connect to HealtHIE Nevada each week so it is best to contact us or visit our website for a complete list.

Q: How do I participate?

A: The choice is yours! Contact the account manager who reached out to you, submit your interest via our website, call our toll-free number, or email us at hie@healthinsight.org.

One of our account managers will set up a meeting to share additional details about the HIE and provide the Participation Agreement and Business Associate Agreement which are required for HIE participation.
## Fee structure

<table>
<thead>
<tr>
<th>Providers fee based on size of practice per provider per month</th>
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<tbody>
<tr>
<td>0-24 providers</td>
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<tr>
<td>25-99 providers</td>
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<tr>
<td>100+ providers</td>
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<tr>
<th>Ancillary Services per month</th>
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<tr>
<td>Laboratories</td>
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<tr>
<td>Imaging Centers</td>
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<tr>
<td>Long Term Acute Care</td>
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<tr>
<td>Skilled Nursing Facilities*</td>
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<td>Home Health/Infusion Agencies</td>
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<td>Dialysis Centers</td>
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<td>Hospice</td>
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### Payers, ACOs, Health Plans, Employers and Care Management per member per month

| Payer, Member       | $.21 |

### Acute Care Hospitals

Annual fee based on prior year’s average daily census (ADC)

<table>
<thead>
<tr>
<th>ADC</th>
<th>Fee</th>
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<tr>
<td>250+ ADC</td>
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<tr>
<td>150-249</td>
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<tr>
<td>75-149</td>
<td>$50,000</td>
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<tr>
<td>0-74</td>
<td>$5,000</td>
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*Skilled Nursing Facility participation in the HIE is included in the annual Acute Care Hospital Fee for Critical Access and Rural Hospitals.*
Join the growing number of providers who are using HealtHIE Nevada for instant access to up-to-the-minute information on their patients. Contact us today to schedule a personal meeting with one of our experienced consultants.

We will work with you to get you on the road to true interoperability!

“When we saw the benefits, there was no way we weren’t going to join.”

Alicia Snipes-Taylor
Electronic Health Record Department Manager, Nevada Orthopedic and Spine Center

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