Need

Evolve Exchange provides secure Medical Cloud Platform Interoperability for data exchange for EMR companies that are presently positioned with a need to ally their company with such an Exchange in order to achieve Meaningful Use Stage 2 Certification. Evolve Exchange will empower your company with Medical Cloud Technology that will overcome the obstacles of Transitions of Care, Quality Measures, and the many other Stage 2 Meaningful Use Measures necessary for Certification so that your company and your doctor customers can continue to prosper.

The cost for this service is very reasonable and can be passed on from your company to your doctor customers at a profit. On the other hand, the cost in time and dollars for your company to do this without outside help is clearly enormous. Per the above, Our Medical Cloud Technology circumscribes all the Business Services necessary for your company to achieve Meaningful Use Stage 2 Certification.

Given that data is trapped within the context of a single clinic, true Interoperability is not achievable without implementing Data Center Grade Networking. While outbound communication is less difficult, inbound communication will be a major problem. NAT and its variations (Port Forwarding, etc.) allow for rudimentary communication between a private network and the world, but the inbound task of finding the office in question is a problem. Communication will be restricted to previously created relationships, making dynamic/need based communications nearly impossible. Moreover, who will be in charge of custom routing configurations? Then there is the question of upgrading networking equipment when that becomes necessary. The fact is that your relationship with the end user has become far more complex, even if you only account for a simple, unsecured availability.

Security is comprised of authentication, authorization, and auditing. Even assuming that the challenge of providing availability can be resolved, how can security be provided per the following?

1. How can you assure that requests are from who they say they are from (authentication)?
2. How will you restrict a request to read, write or delete only data that is allowed (authorization)?
3. How will you track and log failed authentication and/or attempted unauthorized activity (auditing)?

These requisites of Interoperability, now and into the future, cannot be accomplished practically without a solution beyond the context of a single office. Really, these complex requisites are best accomplished by a third party facilitating secure communication between trusted parties. By connecting Clients to our Medical Cloud Server, users can achieve secure access from any valid Internet connection. Furthermore, the data of the customer Client is then securely available to all third party Medical Facilities, third party Health Information Exchanges, and third party Medical Registries.
Solution

Evolve Exchange makes complete use of the benefits of the Cloud, comprising an environment of server clustering and resource pooling, as well as clustering at the application level for high availability. We can accept connections from any device or manufacturer - we only require an SSL connection to a WCF/SOAP Host.

Evolve Exchange is a true cloud optimized Health Services Platform and should not be confused with either a hosted virtual implementation of current legacy applications or a company with a cloud hosting environment to help you migrate your Server - which will still require additional server logic.
Evolve Exchange has an intricately architected, SAS70 – Hosted Cloud Architecture. Upon that base, we have built a distributed clustered HA (High Availability) SQL Tier and a Business Manager Server with a Client-Facing Secured Web Service Interface Tier. You should beware of companies offering only one of these tiers or none of these tiers, particularly implementation that simply virtualizes current Legacy Servers and then places them in a Data Center on a Public IP Address.

Evolve Exchange has constructed a generic, straightforward, and simple to consume litany of web service functionalities that allows a single point of integration.

Our Business Services include:

1. Transitions of Care (Secure Messaging – C-CDA)
2. e-Prescribing
3. e-Labs
4. Clinical Quality Measure Submission and AMC Calculations
5. Patient Portal
6. Mobile Apps
7. Mini-PACS
8. Clinical Decision Support
9. Voice Recognition
10. Clearinghouse PM (Practice Management System – Optional NO CHARGE)

Evolve Exchange can assist you in implementing an Interface that will meet your needs via one of the following scenarios.

- White Label EMR
- TwinLink EMR
You are welcome to white label our Certified AstraJet EMR with its accompanying state of the art Practice Management System. Our Practice Management System includes ICD-9, automatic 837/835 claims processing for primary and secondary claims billing (both primary and secondary billing, of course, do require some work by the biller), and 270/271 eligibility capability. It is not Evolve Exchange’s business plan to sell directly to doctors.

This Complete Ambulatory EHR is 2014 Edition compliant and has been certified by an ONC-ACB in accordance with the applicable certification criteria adopted by the Secretary of the U.S. Department of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services or guarantee the receipt of incentive payments.

Evolve Exchange, Inc.
AstraJet v4.1.
Date Certified: 2/13/14
Certification ID#: 02132014-2112-1
Modules Tested: 170.314(a)(1-15); 170.314(b)(1-5, 7) 170.314(c)(1-3); 170.314(d)(1-8); 170.314(e)(1-3); 170.314(f)(1-3); 170.314(g)(2-4)
Clinical Quality Measures Tested: CMS068v3; CMS069v2; CMS122v2; CMS126v2; CMS138v2; CMS147v2; CMS154v2; CMS163v2; CMS165v2
Additional software used: DrFirst Rcopia, Microsoft HealthVault.
See more at: http://www.evolvecloudexchange.com/white-label-emr/

Integration fees include a one-time initial investment plus a monthly subscription per provider. An annual maintenance fee will commence in the second year.
TwinLink is a name we coined for a white-labeled version of our fully certified AstralJet EMR to run in tandem with your current implementation with back end synchronization of overlapping data. The workflow here is that users (doctor customers) continue using your current implementation for day to day patient SOAP note entry and patient medical record data storage/retrieval and then use our certified AstralJet EMR application to input the Meaningful Use Data Set to achieve Meaningful Use Stage 2.
This approach is particularly useful for specialty EMRs that do not deal with Meaningful Use data. Such specialties include but are not limited to **ENT, Ophthalmology, Orthopedics, Chiropractic, Podiatry, Dermatology, and Urology**.

When possible, we have been able to collaborate on subtle UI workflow connections and/or SSOs between the two applications to improve efficiency. This would be, for example, placing a button within your existing EMR application that spawns an AstraJet EMR application session with SSO that is already focused on the specific patient in the original EMR application.

The benefit of TwinLink is that it will enable your doctor customers to be eligible for Meaningful Use Stage 2, providing that they are doing their part to enter all appropriate data. Any integration that takes place between systems will be custom, and capabilities will vary from installation to installation.

**Your Doctors would have two front end applications:**
The one that they are accustomed to which is MU1, and then we allow you to build an interface from that CLIENT or SERVER, depending if it’s a direct connection or by server proxy/synchronization method and share that info with us and make available in our UI.

**Permanence**
The above scenarios should make it clear that our technology will work in the present and into the future. If you form a partnership with Evolve Exchange, you will have secured for your company a permanent solution for Interoperability and the future stages of Meaningful Use. As you vet our solution, we believe that you will conclude that Evolve Exchange will empower your company to operate at a level previously only associated with large corporations.

Aside from Hospitals, HIE’s, and large EMR companies, it is not cost effective to connect local networks. However, Evolve Exchange offers this possibility to EMR companies presently providing Client/Server technology through a local network and also to EMR companies already using web delivered applications. Moreover, Evolve Exchange is able to make quick and efficient adjustments so that your company and your doctor customers can immediately take advantage of a new version.

We are confident that our solution to the requisites of Interoperability is the best solution, employing a platform consisting of the most advanced state of the art computer engineering. We hope that your company will assign to your computer engineers the task of an in depth vetting of our technology as a natural part of the decision process.

As your partner, we pledge to you – beyond the technology – honesty and fair dealing in all matters. We pledge to work side by side with you to achieve success for both parties. Furthermore, while it is the sharing of technology that forms the basis for our business relationship, logic dictates that there is a business synergy to be gained when companies work together.