EMR-LINK

..... for EMR lab orders

By Ignis Systems
About Ignis Systems

Our Mission

- Through EMR interoperability enhance the physician’s ability to provide patient care.
- Enhance our lab partner’s services through integration within the EMR workflow

Our Company

- 15 Years developing, consulting, deploying GE Centricity EMR integration
- A Certified Partner of GE Healthcare

Our EMR-Link Products

- Practice, Kits, Enterprise
EMR-LINK; The Solutions

- For the physician
  - Exam room “one click” validation of medical necessity.
  - Auto-completes the lab order upon physician signing
  - Guarantees reporting to the “ordering” provider desktop
  - Integrated part of the physician’s EMR workflow

- For the clinic
  - Rules driven routing of lab orders
  - Lab billing information sent to practice management system.

- For the lab
  - Single Connection to your clinics
  - Medical necessity validated, ABN generated when required
  - Provides the lab’s insurance/billing/account numbers.
  - Conforms to the lab’s HL7 requirements
  - Prints requisitions to lab’s requirements.
EMR-Link: How It Works

Clinic’s EMR-LINK Account

- Point-of-care ABN Validation (Uses lab’s ABN rules)
- Rules-based routing (insurance and location)
- Clinic specific mapping of EMR-to-Lab data
- Order Entry Questions
- Requisition printing
- ABN printing
- Label printing

Clinic’s mapping tables

<table>
<thead>
<tr>
<th>EMR data</th>
<th>Lab 1 Data</th>
<th>Lab 2 Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provider Names</td>
<td>UPIN/NPI</td>
<td></td>
</tr>
<tr>
<td>Order codes</td>
<td>Lab order codes</td>
<td>Lab order codes</td>
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<tr>
<td>Insurance</td>
<td>Lab Insurance</td>
<td>Lab Insurance</td>
</tr>
<tr>
<td>Location of Care</td>
<td>Lab account #</td>
<td>Lab account #</td>
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</tbody>
</table>

Order completion

- Manifest Reports
- Future Orders
- Billing interface back to PM

Lab

- HL7 compliant ORM
- Complete order information to lab’s requirements

LIS

- Electronic (HL7) Result
Departmental Outreach Solutions

Overall Benefits
- Improved Patient Care
- Disease Management

Clinic Benefits
- Hosted/Subsidized EMR
- Immediate EMR desktop access to results/reports/images: Labs, Imaging, Discharge Summary

Hospital Benefits
- Competitive Outreach Services
- Increase Referrals to Departmental Services.
- Clean orders (decreases write-offs)
Results Only Dataflow

- Uniform and Secure Download Mechanism for the Clinic
  - Download method for one lab or many labs
- Uniform Distribution Mechanism for Labs
- Establishes EMR-Link framework for addition of Lab Orders.

Clinic’s EMR

- Lab Order Codes
- Meds
- Radiology
- Services

LinkLogic

EMR-Link Connector

Lab Results

Electronic (HL7) Result

Result Manager

Clinic’s EMRLINK Account

- Queues results for the clinic
- Responds to HTTPS requests for downloads.

Paper Lab Order

LIS

Lab
Consolidation For The Clinics

Clinic’s EMRLINK Account

Clinic’s mapping tables

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Order Completion

- Secure HTTPS downloads
- Electronic (HL7) Order
- Electronic (HL7) Results

Routing Rules (choose the lab)

EMR-Link Connector

Lab Orders Database

Lab Result Manager

ABN Validation

Your EMR Order Codes

Meds

Radiology Services

Clinic’s EMR
EMR-LINK; The Product

“Practice:” for the physician and staff
- Part of the EMR
- Features:
  - Medical necessity validation at point of care
  - Auto-completion of orders (with a kit)
  - Reporting to the ordering doctors desktop (with a kit)
  - Prints requisitions, labels, and ABNs.
  - Manifest reporting.
- Common framework to host integration kits
  - Labs now, Radiology, ECG, Office Procedures,… next.

“Enterprise” … for the large healthcare enterprise
- Rules driven routing, billing interfaces for multiple labs

“Kits”” … connecting the lab service,
- Lab specific order codes, ABN validation, and AOE
- Maps to your lab’s insurance codes and account numbers.
- Conforms to the lab’s LIS HL7 requirements