<table>
<thead>
<tr>
<th>S&amp;I Data Provenance</th>
<th>Source EHR System Events</th>
<th>Exchange</th>
<th>Receiving EHR System Events</th>
<th>TRUST Decision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Event?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>w/Author Signature</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional Provenance Metadata</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHEN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHERE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decision</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Event? (new source record entry)

- Person who is part of Action Taken:
  - Person who is source of record entry created
- Person who is identified in record entry

- Person who is source of new record entry
- Person who is identified in record entry

**Additional Provenance Metadata**

- Person who is identified in imported new record entry
- Person who is identified in decomposed new record entry
- Person who is identified in maintained record entry

**WHO - Entities**

- **Person**
  - Person who is part of Action Taken:
    - Person who is source of record entry created
    - Person who is identified in maintained record entry
  - Person who is identified in record entry
  - Person who is identified in decomposed record entry

- **Organization**
  - Organization who is source of record entry
  - Organization who maintains record entry

- **System, Device or Software**
  - System, device or software creating record entry
  - System, device or software changing record entry

**WHO - Entity Roles**

- **Subject/Target**
  - Patient/Person who is subject of Action Taken and target of record entry
  - Patient/Person who is subject/target of record entry

- **Device Author**
  - Device who authored record entry

- **Accountable Author**
  - Person who authored record entry

- **Enterer**
  - Person who entered record entry

- **Verifier**
  - Person who verified record entry

- **Attester**
  - Person who attested record entry

- **Person**
  - Person who is responsible for Action Taken

- **Informant**
  - Person who is an informant to Action Taken

- **Participant**
  - Person who is a participant in Action Taken

- **Viewer, Accessor, User**
  - Person who views/accesses record entry content

### WHAT

- **Action Taken**
  - What Action was taken, as documented in record entry

- **Chain of Trust Event**
  - What event occurred: maintain (retain), exchange (initial), exchange (update)

- **Provenance Event**
  - Original source record entry content (new), new record entry content (new)

### WHEN

- **Action Date/Time**
  - When record entry was taken

- **Action Duration**
  - Duration of Action

- **Data Event**
  - When record entry was created

### WHERE

- **Action Physical Location**
  - Physical location where Action taken

- **Data Location**
  - Network address where record entry was created

### WHY

- **Action Reason**
  - Why record entry was taken

- **Data Reason**
  - Why record entry content was created

**Additional Provenance Metadata**

- **Author Signature**
  - Digital signature of record author

- **System, Device or Software Signature**
  - Digital signature of system, device or software creating record entry

- **Digital signature of record author**
  - Digital signature of record entry change author

- **Digital signature of system, device or software creating record entry**
  - Digital signature of system, device or software changing record entry

- **Digital signature of system, device or software composing record entry**
  - Digital signature of system, device or software composing record entry

- **Digital signature of record entry change author**
  - Digital signature of record entry change author

- **Digital signature of system, device or software composing record entry**
  - Digital signature of system, device or software composing record entry

- **Digital signature of record entry change author**
  - Digital signature of record entry change author

- **Digital signature of system, device or software composing record entry**
  - Digital signature of system, device or software composing record entry