

SpecimenControl

Your Dashboard to Total Visibility

The SpecimenControl dashboard is the core of our HealthRFID specimen management system and controls the end to end workflows and acts as management dashbaord. It is cloud based, configurable to your business processes and integrates with your backend system. We have designed SpecimenControl to be intuitive to use and the dashboard presents you with the most important information on the spot.



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www.healthrfid.com



SpecimenControl

Features & Functionalities

ControlPoint is centred on a browser based dashboard metaphor that shows the status of the workflows throughout the system including 'stock' levels.

Manages the Infrastructure

- Readers (RFID, Barcode).
- Locations (Collection Point, Dispatch, Hub, Specimen Reception, Lab).
- Users.
- Workflows (Routes, Transit Times).

Supports a wide range of transactions

- **Pathology** - collection, courier dispatch, hub / SRA reception and accession.

RFID tags association and encoding

- Provided data such as unique numbers, type of specimen.
- Store this information in a database, on the RFID tag or both helping you to get the right balance between security, performance and operational convenience.

Provides a visual dashboard

- Showing the status and
- Location of individual items and groups of items.

Provides reporting and diagnostic tools

- Wrong destination
- Transit time
- Missing items
- Incomplete boxes

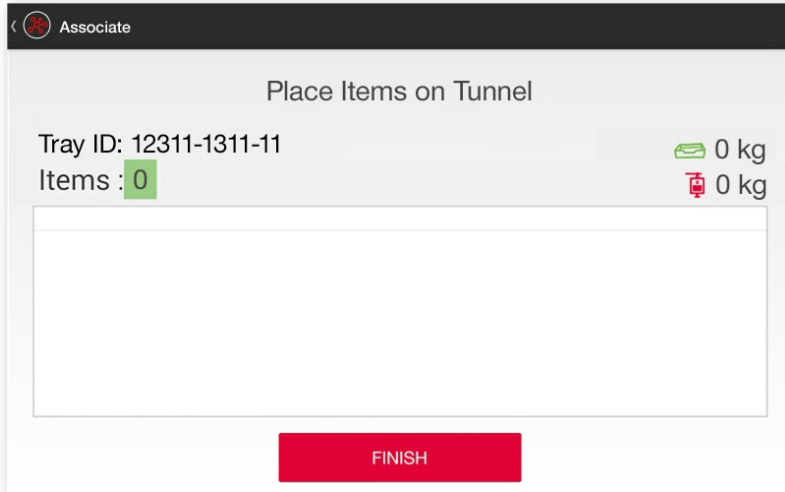
Provides a comprehensive API for integration

- Auslab
- Ultra
- Apollo
- Cerner
- LabTrack
- Others

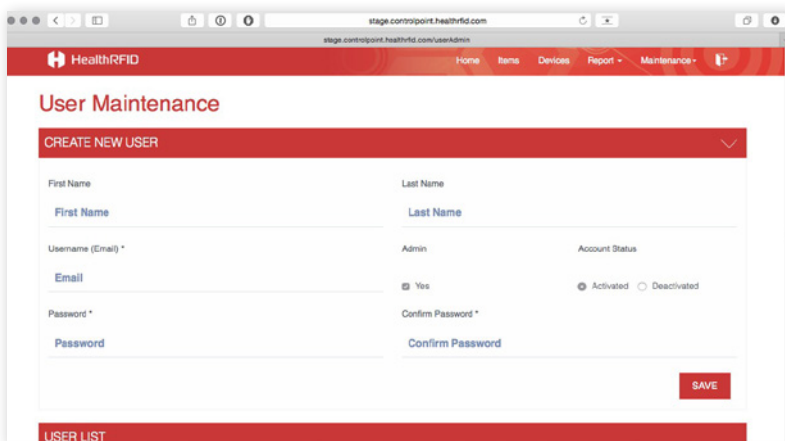


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Features & Functionalities



- More complex transactions clearly show the user what they need to do and use colour coding to show when all information has been received successfully.

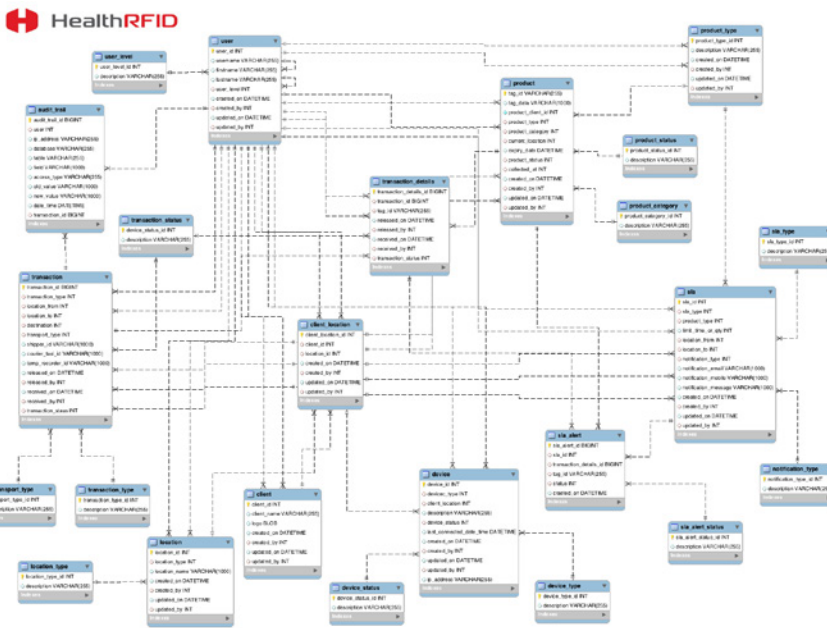
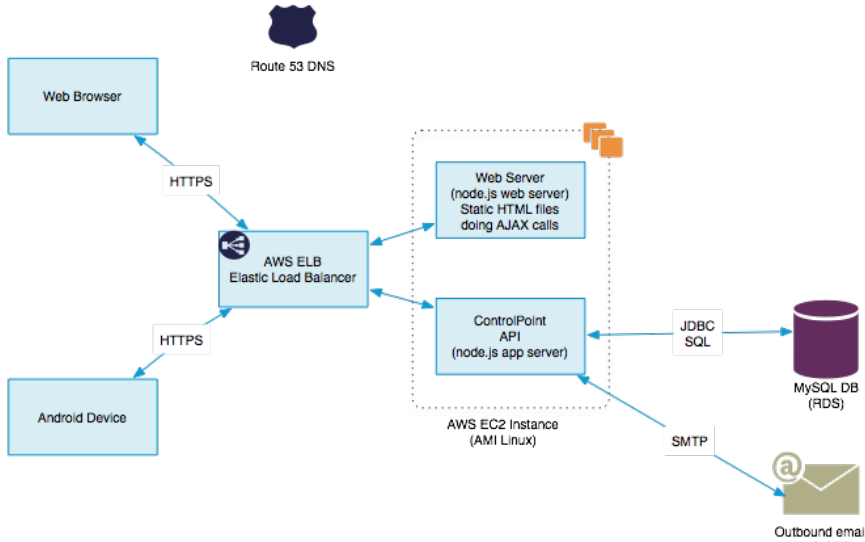


- The dashboard provides access to maintenance tools for authorised users including:
 - o Workflows
 - o Locations
 - o Users
 - o SLAs
 - o Routes



SpecimenControl

Infrastructure, Interfaces and Security



Each customer's SpecimenControl Server is deployed in their own environment, HealthRFID does not use multi tenanted systems. Access to the systems is over ssl encrypted links, on request http can also be provided. Using Amazon Web Services infrastructure allows HealthRFID to provide state of the art security, which typically exceeds the capabilities of in house corporate systems.

Amazon Security Compliance.

- n-tier architecture, geographically redundant cloud environment.
- Automatically replicate and fails over in the event of high load or failure.
- 99.9% availability through Amazon Web Services.
- Software upgrades are performed without any scheduled outage.
- At least two environments - production and test.
- High performance and robust components suited for large cloud deployments.
- Permanent monitored and automatic trouble tickets.

Interfaces

- RESTful and SOAP Webservice, XML and json.
- Read/Write in text, csv, xlsx or customer specific format.
- Direct SQL.

Standards

- http/https 1.1
- XML
- JSON
- ICBT128

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