EMVS National System

IT Provider Workshop: Agenda

Solidsoft Reply provides technical workshops for IT software providers. These workshops should be attended by people from organisations responsible for the development of software systems for pharmacies and wholesalers, and whose software will need to integrate with the EMVS national system. This includes solution architects, requirements analysts, IT-managers and technical development leads.

The goal of the workshop is to provide software providers with sufficient understanding of the EMVS national system, the technical integration requirements, the timescales and project phases to allow detailed planning and development of necessary changes to existing software.

The workshop consists of two parts. The morning session will address issues including:

- The project plan and timescales
- Introduction to the Integrated Test Environment (ITE)
- Description of the Integrated Quality Environment (IQE).
- Overview of the use cases supported by the EMVS National System.
- Connection and self-certification.
- Introduction to the Software Development Kit and other available information and materials.

The afternoon session will investigate technical issues:

- Sample-code
- Hands-on practice using the API.
- Additional requirements, considerations and best practice for pharmacy and wholesaler systems.

All participants must have signed Non-Disclosure Agreements (NDAs) with Solidsoft Reply prior to the workshop and also have access to the web site where relevant project information is stored.

Internet access will be available. Participants are requested to bring their own computers for the hands-on session in the afternoon. The EMVS national system API is a simple REST web service API secured using Open Connect ID and OAuth 2.0. We recommend installing Postman (https://www.getpostman.com/). This utility can be used to interact with the API. Participants may wish to install a development environment they can use to write code.

9:00 – 9:15	**Introductions**
9:15 – 9:45	**E-Verification** • The EMVS Landscape • Solidsoft Reply National Blueprint System • Project Timescales and phases
9:45 – 10:00	**Pack Identifiers** • Pack Serialisation • DataMatrix 2D barcodes • GS1 and IFA standards
10:00 – 10:30	**Pharmacy and Wholesaler Use Cases** • Verify • Dispense • Reintroduce • Decommission • Undo Decommission • Product Data Download • Request Report • Bulk-of-Pack scenarios
10:30 – 10:50	**Coffee Break**
10:50 – 11:15	**Connection and Certification** • Open Connect ID and OAuth 2.0 • Client Credentials • Route to Production – IQE and self-certification
11:15 – 12:30	**Integrating using the API** • The Integrated Test Environment (ITE) • Introduction to API • Using the SDK Web Site
12:30 – 13:30	**Lunch**
13:30 – 14:45	**Using the API** • Hands-on session • Authentication • Single pack and bulk-of-pack requests
14:45 – 15:00	**Coffee Break**
15:00 – 15:45	**Additional Considerations for Software Providers** • Local users – authorisation, user experience • Support for GS1 and IFA standards • Logging and audition • Alerting and notification • Reporting • Recovery Strategies
15:45 – 16:00	**Summary and Departure**