SwitchTools

POSTFLOW

The Afferent Software Switch Tools are a suite of electronic payment switch management tools, which have been developed to make maintenance of these environments simpler, more effective and more efficient. The current suite of products includes tools optimized for the maintenance of ACI Worldwide's Postilion Realtime™ payments switch, and include:

- Switch Tools PostClone
- Switch Tools PostMigrate, and
- Switch Tools PostFlow

PostFlow is a Postilion ATMApp Download inspection tool which produces high-resolution, graphical, PDF-based representations of the ATM state flow of any NDC+ / Diebold 912 download application, using a simple, concise user interface. These graphical representations make presentation, development and analysis of ATM downloads more intuitive and easier to understand for both developers, QA technicians and business or marketing staff, but presenting the download state data (including, their associated screen images) in a high resolution format, including all appropriate state details and metadata.

The application can be driven locally, connecting to the remote download datasource via TCP (i.e. network) connection, and offers both Trusted (Windows™) and traditional Username / Password authentication.

Processing of the download to display can be done using Loadset, Language Group and Language selections, and ancillary Error flows may also be included in the graphical representation, in both a Basic and Full manner, where Basic mode includes only 'material' errors, such as ICC failures, while Full mode includes all error scenarios, including timeout and cancel events. Inclusion of screen image data is also optional. The application also caters for both 640 x 480, as well as 800 x 600 standard screen sizes.

FEATURES

The PostFlow application includes the following options, when exporting existing ATM Download applications to graphical format:
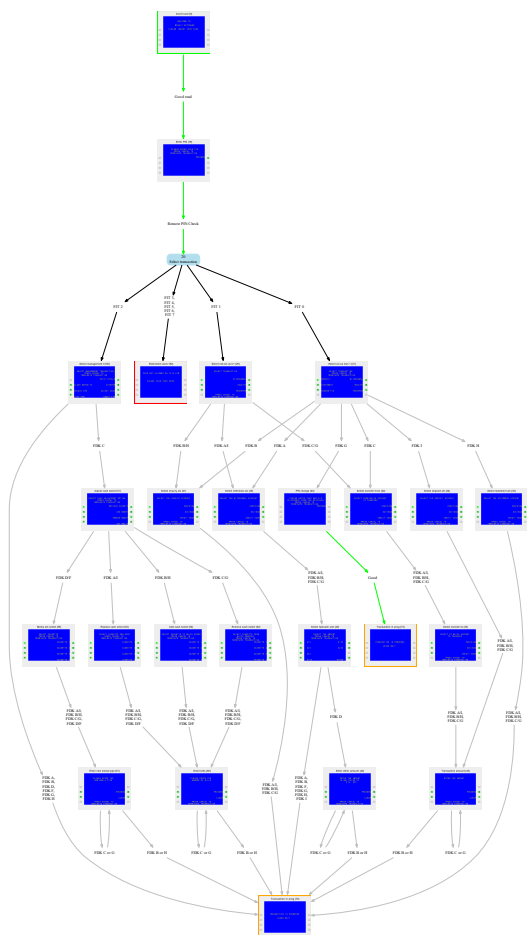
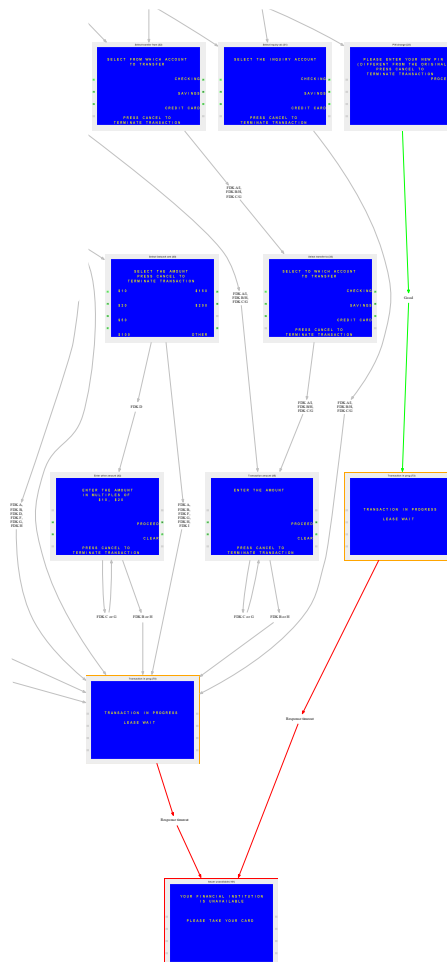| Feature	Details	Comments
Base	Username / password via TCP	Standard remote username / password login
	Trusted	Windows authentication-based login
Supported protocols	NCR / Wincor NDC+	
	Diebold DDC 912	
Flow generation	Download / Loadset / Language Group / Language selection	Via pre-populated drop-down menus
	Optional Error flow inclusion	None / Basic / Full
	Optional Screen image inclusion	
	Optional Response processing information inclusion	

OUTPUT

Processed download data is presented in Portable Document Format (PDF) as a high-resolution document, allowing for an overall view of the download flow, as well as 'zooming' in portions of the state flow to inspect state and / or screen metadata.

When enabled (and available) screen images are included appropriate in the state flow graph. Metadata included in the state graphs includes:
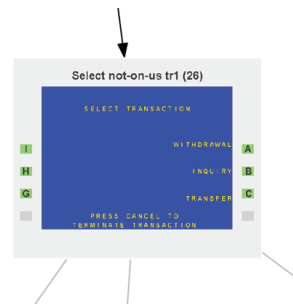
- FDK activation data
- State number and name metadata
- Screen image data
- Financial Institution Table (FIT) data
- Error flow data (when enabled)

OVERALL DOWNLOAD STATE GRAPH

'ZOOMED' IN PORTION OF STATE GRAPH INCLUDING ERROR FLOW DATA

SCREEN METADATA DETAIL INCLUDING SCREEN IMAGE, NUMBER AND ACTIVE FDK METADATA

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