

SIMMARIX Settlement Module

The SIMMARIX load settlement system is comprised of a dedicated customer server, processing workstations, SIMMARIX software, security software, firewalls and high speed Internet connections.

The system performs most of the load settlement functions automatically through the use of the SIMMARIX Scheduling module; however any function can be performed manually if required.

The first step in the setup of the system requires gathering and entering initial customer data into the system such as historical load data, deemed load profiles, street light profiles and site information and characteristics. The system already maintains a database containing the WSP IDS, MDM IDS, Settlement IDS and Zone IDS for Alberta that is updated as required.

The customer provides a list of users that will have access to the system and what reports and functions they will be allowed to perform. User profiles for each user will be created and usernames and passwords will be assigned to these users.

When the initial setup is complete, a schedule will be created to perform the various settlement functions such as receiving daily data, performing the various settlements runs, creating reports and sending the necessary outputs to the required recipients.

All input and output file transactions of the SIMMARIX settlement module use the format specified in the system settlement code.

The SIMMARIX load settlement module performs all the functions required by a Load Settlement Agent as identified in the System Settlement Code (SSC). These include:

- Performing Settlement Runs for Daily, Monthly, Interim and Final Settlements
- Receiving and Processing Data (DIM, DCM, POD, POS)
- Validating, Estimating and Editing Data
- Calculating All Loads (POD, Zone, Retailer, Site)
- Calculating and Allocating Losses
- Calculating and Allocating UFE
- Calculating Net System Load
- Dispute Processing (PFEC, PFAM, RSA, RAM, TAA)
- System Performance Diagnostics:
- Zone Load Zero Balance Check
- Zone Level Retailer Zero Balance Check
- Profiled Divergence Check
- Enrollment Switches
- Cumulative Meter Reads Balancing
- Percentage of Non-estimated Result Source Data
- Generate Cumulative Switch Estimate Consumption To Retailer files (CSE)
- Generate Wholesale Settlement Information files (WSI)
- Generate Settlement Summary Information files (SSI)
- Generate Settlement Profile Information files (SPI)
- Generate Wholesale Settlement Summary files (WSS)
- Generate Wholesale Settlement Details for Retailers (WSD)

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- Generate Wholesale Class Information files (WCI)
- Process Select Retailer Requests (SSR, SRN, SRO, SRW, UCI)
- Process Site Energization/ De-Energization (ENC, DEC)

The SIMMARIX load settlement module performs all settlement runs and data provisioning in accordance with the Settlement Timing and Data provisioning rules set forth in the System Settlement Code.

Reports and logs of all inputs and outputs from the settlement engine are created and stored for user viewing at any time via the web interface. The user simply logs on to the system using the username and password provided to access these reports. When the user is logged in to the system and through the menu options available, they know immediately the status of all settlement runs, can view reports and logs, download various settlement output files, etc.

There are a series of standard reports that the SIMMARIX load settlement module produces. However, these can be easily modified to meet specific customer requirements.

As with all the SIMMARIX software modules, through user friendly web based interfaces, the user has instant access to their data and reports anytime and anywhere provided they have access to the internet.

SIMMARIX Settlement (Alberta)

Run Settlement

- Initial Daily
- Initial Monthly
- Interim
- Final

DropChute Functions

- Retrieve Files
- Send Files
- Received File Log
- Sent File Log

Reports

- Settlement Runs
- Daily Average UFE
- Monthly Average UFE
- Zero Balance Check
- Notice Of Dispute
- PFEC
- PFAM
- MEA PFAM

Diagnostics

- Zone Load Zero BC
- Zone Level Zero BC
- Site Level Zero BC
- Profiled Diagnostics
- Enrollment Switches
- CumulativeBalancing
- Interval Balancing

View Functions

- View Admin Access
- View User Access
- View Admin Error Log

Auto Schedule Reports

Schedule Task	Hourly	Daily	Weekly	Monthly	Weekdays	Weekends	Start Date	Start Time
Run Initial Daily Settlement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00
Run Initial Monthly Settlement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00
Run Interim Settlement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00
Run Final Settlement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00
Check DropChute Folder	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00
Update Retailer Lists	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00
Create System Reports	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2005 Jan 01	00:00

Note : If A New Task Is Scheduled, It Will Overwrite The Task Of The Same Name In The Currently Scheduled Task List Below
If Start Date And/Or Start Time Are Prior To Today's Date And Time, The Current Date And Time Will Be Used

Currently Scheduled Tasks

Task Name	Next Run Date	Next Run Time	
Initial Daily Settlement	Feb 08,2004	01:15	<input type="radio"/> Delete
Initial Monthly Settlement	Feb 08,2004	01:15	<input type="radio"/> Delete
Interim Settlement	Feb 08,2004	01:15	<input type="radio"/> Delete
Final Settlement	Feb 08,2004	01:15	<input type="radio"/> Delete
Check DropChute	Feb 08,2004	01:15	<input type="radio"/> Delete
Update Retailer Lists	Feb 08,2004	01:15	<input type="radio"/> Delete
Create System Reports	Feb 08,2004	01:15	<input type="radio"/> Delete

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