Connected Commerce

Clover-ValueLink Enablement: A Clover Enterprise Application

Dinesh Pednekar (February 2014)

Our Clover development team is collaborating with other teams to build a self-service solution for Clover merchants. The solution is an app a Clover merchant can download to add ValueLink as a method of payment to their profile. The app will make a secure connection over the internet using SAML assertion to a First Data web application running in Tier 1. The lower half of the following system diagram shows this connection.
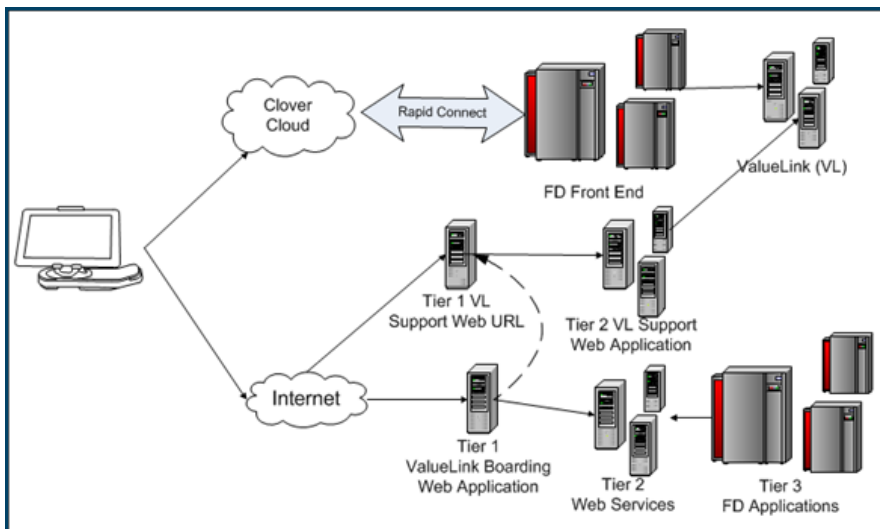
The web application is called ValueLink boarding. The user interface provided by the application will be displayed in a WebView session on the tablet. The application will access the necessary First Data systems through a set of web services. The web services range from mapping the merchant's Clover Identifier in First Data systems to upgrading the merchant's account with a legally binding contract.

Once the merchant is enabled for ValueLink payments, the

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Christine's Corner

What a crazy start to the year!!! I can't believe all the weather we have seen across the United States. We need our own spin on the US Postal Service slogan: "Rain or shine, snow or sleet, we deliver your mail! (Sunny days are optional...)". What do you think about "Rain or shine, snow or sleet, we process your credit card transactions!" Ok, it is a tad corny, but you get the drift.

On a business note, do you feel the momentum of the company shifting? We are definitely taking it up a notch in 2014. There is a clearer vision from executive suites, and we have more visibility to corporate priorities.   20,000+ people are starting to move toward a common set of deliverables.   There will be hiccups, but I can see

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Christine's Corner
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a distinct improvement over a year ago. With ever-increasing expectations, our organization is definitely raising the performance bar too. I have noticed improvements across all teams, and I want to thank each of you for that. We are communicating better, and some major projects are coming to a close. Let's finish strong on the in-flight projects. There is always more work ahead!

Your co-owner,

Christine

Mobile Commerce Development team WOWS

ExxonMobil staff

Dina Harvey, First Data Business Analyst, had all good things to say about the presentation skills of Ramachandran Janarthanam & Santosh Mishra. Her note, duplicated here, says it all.

I would like to express what a great job the Speedpass Instantly team did yesterday for the "Client testing" visit. I use client testing lightly, since it appears their main visit was to review the app and to ask questions about security and ease of use of the application.

ExxonMobil was extremely pleased in what they saw and absolutely loved the

functionality of the Speedpass Instantly app. Ram and Santosh did an outstanding job explaining the security of the app and quickly addressed all concerns the ExxonMobil Control Advisor had who also attended this meeting. They explained the app as well as the security of the app in lay mans terms and were extremely clear and concise with the information. They were also very prepared for the meeting and the actual testing of the app went off without a hitch! ExxonMobil also had one of their branded wholesalers at the meeting who used the old Instant Activation process that was developed years ago and he was again extremely pleased with our new product and how user friendly the App is.

Working with ExxonMobil Speedpass for over 10 years, I know how demanding and how particular they can be, and this visit was one of the best I have ever attended. I cannot express enough the outstanding job Santosh and Ram did, even though we are in a rush to get this product in production and they both have so much on their plate to make the production date, they never once seemed distracted and took the time to address every question the client had.

ExxonMobil is also in the process on a "Phase 2" for the application which will bring in additional revenue for First Data.

I am very pleased we made the decision to keep the development in house at First Data instead of outsourcing the development of the App to Apriva.

Excellent job guys, you ROCK!

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Clover-ValueLink…..
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Clover Register app will offer a set of screens at the point of sale for ValueLink transactions. These ValueLink transactions will be routed from Clover tablets through Rapid Connect as shown in the upper half of the diagram. The Clover architecture will provide the necessary support for these transactions through a set of callable REST

services made available in the Clover cloud.

The remaining pieces shown in the diagram – the middle section – will allow a merchant to manage their ValueLink account with services such as adding funds to a consumer's card, etc.

Note: Tier 2 web services, VL support application and, of course, the Clover API are being built by other teams.

Collaborative gossip: Employee news and notes

Lakshmi Narayana Gupta Kollepara ran in the Atlanta Marathon in October 2013. Also the Atlanta Thanksgiving HalfMarathon in November 2013 to support "Asha for Education" non-profit organization.
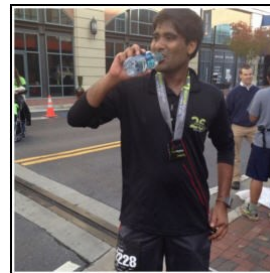
Way to go Lakshmi. Live well!
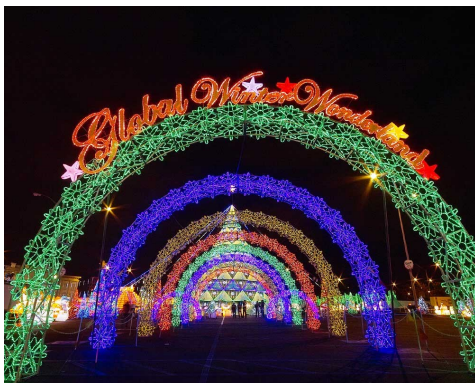
Global Winter Wonderland at Atlanta's Turner Field.
Event Dates:
11/21/2013 - 1/5/2014

Left: The park entrance.

Right: Hannah & Noah Gadlin playing in the snow.

The Gadlin Family had a wonderful time at the Global Winter Wonderland, a new Atlanta holiday and family event. 46 days of giant illuminated lanterns with scenes including a Christmas holiday village, animals real and imagined, people and scenes from around the world.

Left: Global Village

Plastic bottles are the main materials of this Global Village structure which show the harmony of human beings and nature. Children from five continents stand hand in hand symbolizing friendship and togetherness.

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USAA STOP PROJECT ; A quick solution!

Kudos are in order to Arun Kaliyaperumal for his efforts on the USAA STOP project in December. Jan L Campbell expressed appreciation to Arun for a project she describe as being "delivered and supported with a high degree of professionalism and quality".

USAA, a First Data partner, was releasing a SMS product to the market. It was discovered at the very last moment, if a user sent a STOP command for stopping the Fraud Alerts, FDVS system dropped the STOP and no one was executing the

NM*699 after the timeout period. This meant the consumer would be unable to de-enroll from Fraud alerts! As a part of this USAA STOP project, we implemented a quick solution where Mobile Gateway would be handling and processing this request.

Pranav explains for us "this project was led by Arun from a day to day perspective and Pratik from an overall perspective".

Great job!

HRP: Card Account Updater feature

HRP has introduced a new job that will allow for a consumer's credit card to be updated for expiring credit cards, issuing of new card numbers, notification of closed accounts or any updates done by acquirer.

The new job is called 'CARD AC-COUNT UPDATER' (CAU). HRP will only allow VISA, MASTER and DISCOVER Credit card Types for CAU. JCB and Dinner Card Types will be processed as Discover cards in HRP for CAU. HRP will create files on behalf of the merchant and send to South platform via message way. Once HRP receives the response files from South, it will update the stored payment methods per the response file.

First Data clients successfully deployed this new feature in January this year.

Your Newsletter

This newsletter is purposed to foster a sense of community in the **First Data Connected Commerce** organization. The entities representing this organization are:

- Hosted Recurring Payments (HRP)
- Compass XML
- Mobile Development
- Mobile Gateway
- Global Gateway
- E4 Gateway
- OfferWise
- Loyalty
- Clover Value Link
- V Pay

We encourage each of you to share your ideas for content, both personal and professional.

Contact the editors with your contributions and comments at:

ccnewsletter@FirstData.com

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Snow in Georgia. We won't soon forget!

Jan. 29, 2014. Round I

Stranded motorists sleep in an aisle of a CVS Pharmacy on West Paces Ferry in Atlanta (Photo: Jaime Sarrio/Atlanta Journal Constitution)

Georgia Highway 140, Tuesday, Jan. 28, 2014 in Canton, Ga. A winter storm that would probably be no big deal in the North all but paralyzed the Deep South on Tuesday. (AP Photo/The Marietta Daily Journal, Kelly J. Huff)

In this aerial photo, abandoned cars at I-75 headed northbound near the Chattahoochee River overpass are piled up in the median of the ice-covered interstate after a winter snow storm , Wednesday, Jan. 29, 2014, in Atlanta.

Feb 11-14, 2014 Round II.

We learned to have fun.

http://www.myfoxtwincities.com/story/24719208/viewer-photo-highlight-reel-a-georgia-snowday

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Chick-fil-A "Mooooodo's" to Mobile Gateway team

Gail Seidman; First Data Relationship Manager for Chick-fil-A Mobile Payments accounts; expressed tremendous accolades for all Mobile Gateway team members working on the Chick-fil-A project. Shane Caldwell III, First Data Program Director had special thanks to Yinchuan Tan, while Daniel Carnes had good things to say about efforts from Brent Adkisson and Ashvin Radhakrishnan.

Overall, Gail's comments didn't let the teamwork go unrecognized in her email to all when she said..... "I can't thank everyone enough for jumping through the hoops you've all jumped through thus far and continue to jump through. Your willingness to provide the exceptional support to CfA is very much appreciated - especially with their request to have the CAT environment available to them when they need it the most – during their Operator's Seminar. CfA - from senior execs on down – take this Seminar very seriously. They take pride in what they present to their Operator's and obviously need it to be flawless. The fact that we are willing to bend over backwards to ensure that our CAT environment is available to them without any interference or contention is not only impressive, but is what a true partner does."

We'll bet all those CfA cows agree too. Way to go team! Mooooodo's (kudos) to you.

Virtual Pay Support

VPay is developed and maintained thru the Vendor, FIS. The product supports eCommerce merchants needing online real time authorization. The system is in the process of moving to the FD North Platform for Authorization and Settlement.

Carl Winter, Manager IT, FDMS reports his team taking on support of the Virtual Pay (VPay) product in January. VPay is an Ecommerce credit authorization platform. Team members for maintenance and support are Jeremy Stayton (FTE) and Nishant Arora (Contractor). Jeremy and Nishant both work out of the Louisville Kentucky facility.

The VPay system provides service to Large Corporate Merchants using most major credit cards. The processing services include, Online Authorization, reporting and fraud detection thru TCP/IP and https protocols.

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