

Webpage for SDK Integration.

Database:

1. Customer details
 - id autonumber
 - customer_id
 - Customer First Name
 - Customer Last Name
 - Email
 - Phone Number
 - Alternative Phone Number
 - Billing Address
 - Address1
 - Address2
 - City, State, ZIP
 - Country
 - Shipping Address
 - Address1
 - Address2
 - City, State, ZIP
 - Country
 - Remarks

Card Details will not be stored in database and only *** last 4 digits stored from the webhooks.

2. Transaction details
 - id autonumber
 - transaction_id
 - invoice_id
 - amount
 - tax
 - total
 - card details
 - transaction_status
 - approve_code
 - converge_txn_id
 - remarks
 - timestamp

<https://developer.elavon.com/docs/commerce-sdk/1.0.0/overview>

Project Kick-off

- Initial setup at local environment as per document - Done
- Test updates running on postman collection - Done
- Webhook Integration for getting transaction details - Done
- Webhook readable formats - Done
- Test webhook - Done

Attach Pinpad in local machine - WIP
Run software - WIP
Test and make sure its sending data to webook.
Further testing and documentation.

Code

Webhook completed – Done
Database structure - Done
Curl API Calls and get JSON data as per docs – WIP
Update database.

Test and Certify

Run the software with different amount / test cards and certify.

CURL API Calls

Update the software similar as the local mode to James Laptop
Setup all the local setup we had done to his laptop.
Connect PinPad through USB or through bluetooth device.
Get Environment Information – Send and get the JSON from the device
Get Converge Account Information.
Show 10 customers in dropdown box .
Show 1-20\$ in dropdown box.
Submit. - On submit – Call Auth transaction – so that they can swipe the card on PINPad.
Get the result JSON and update db.

This layer will work on above the converge Elavon calls and we will be giving this code as the integration for the other product layers. If needed later we will generate API KEY code etc., as customized Keys for different customers.

Account Details

Converge Login Credentials

Account ID:
0029444
User ID:
james
Password:
Credit\$3578
Login URL:
<https://demo.convergepay.com/>

What was the name of your first employer?

VETRI

What was the make and model of your first car?

MATIZ

What was the color of your first pet?

WHITE

I had updated the security questions.
I hope you will be able to login now with the details.

Need for testing

We need one windows laptop where I have access to the laptop through anydesk so that we can connect to the system and install few API and exe's which I tried out in my machines and Siva's machines.

Siva will connect to your system and start updating the exe/configure.

Also if you connect the card reader in that machine that will be great help.

Siva will prepare the local installation for me and check in my machine and update you.

If you can arrange on Friday that would be great.

Windows 11 operating system.

Webhook Details

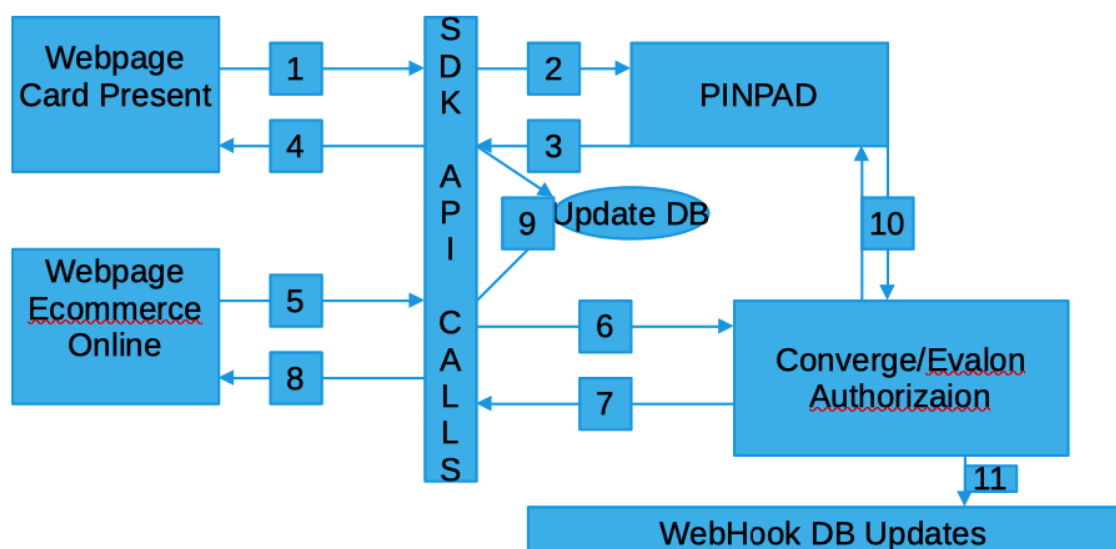
Also I had done few test transaction on keyboard enter basis and you can see the same in

<https://webhook2.verifiedwork.com/public/post/table>

This will list the transactions done on the converge account / with keyboard input as cards now success. We will test with the pinpad also on the same.

Architecture Diagram with the details

Evalon SDK Integration -Architecture Diagram



Base Information:

Any webpage or thrid party application will have the below details which needs to be send to evalon sdk authorization for sales.

Invoice_id – Customized invoice id from any of the third party application
customer_id – Customized customer id from any third party application
Amount – Authorization amount
Tax – Tax information
Card details – Either from website if Ecommerce (or) on PIN PAD transaction.

1. Third party application will send the customer information, invoice_id, amount, tax information for the SDK.
2. SDK will send the amount to the PINPAD and calls the Curl API to process Auth Transaction. The customer will use the pinpad to swipe the card details. The card details captured in pinpad and sent to the Converge for payments.
3. PinPAD will send the details on success / failure of the transaction to SDK
4. SDK will send the same to the calling third party application after storing in the database all the details sent by PINPAD/Converge JSON data.
5. Third party application will send the customer information, invoice_id, amount, tax information for the SDK along with the card details like card number, exp month, exp year, cvv all the information.
6. SDK will send the same directly to converge for Authorization.
7. Converge/Elavon process the card and send the details on success / failure of the transaction to SDK
8. SDK will send the same to the calling third party application after storing in the database all the details sent by Evalon/Converge JSON data.
9. Irrespective of PINPAD Card present (or) Card absent (Ecommerce Transaction) we will store all the data to customer database and all transaction details to the database.
10. PINPAD after getting the pin number process the card details by sending to converge and get the authorization.
11. In all the cases Converge for any transaction success / failure will send the data to webhook which will be stored in the database for further process of the client softwares.