

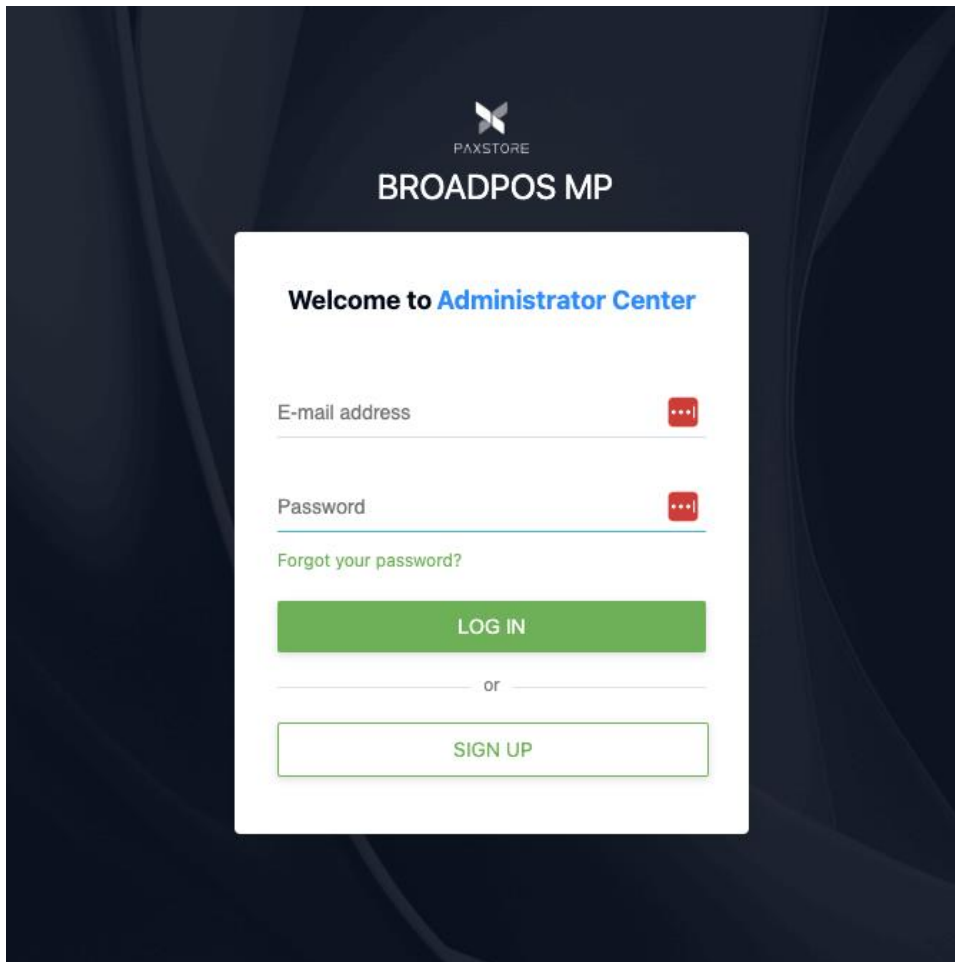
Pax A920 Integration Guide with Cloud9

The following steps will demonstrate how to use the Pax A920 device to communicate with the Cloud9 gateway.

1. Register the A920 device in the Pax store and install the necessary apps. Follow these steps.

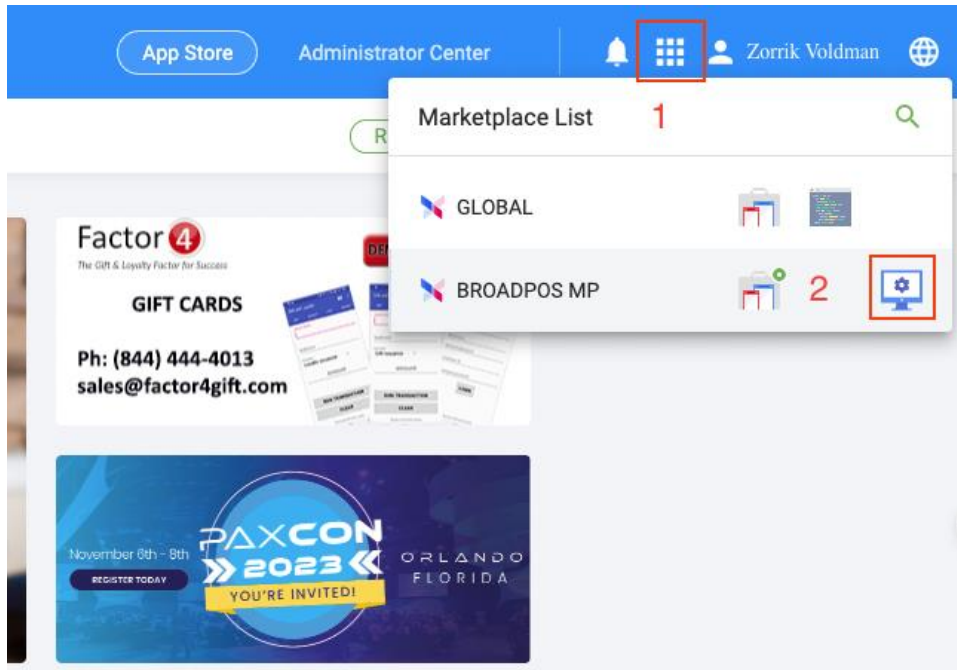
a. Login to the pax store us marketplace. (URL: <https://paxus.paxstore.us/>)

If you do not have login credentials, you can contact Pax support to obtain them.

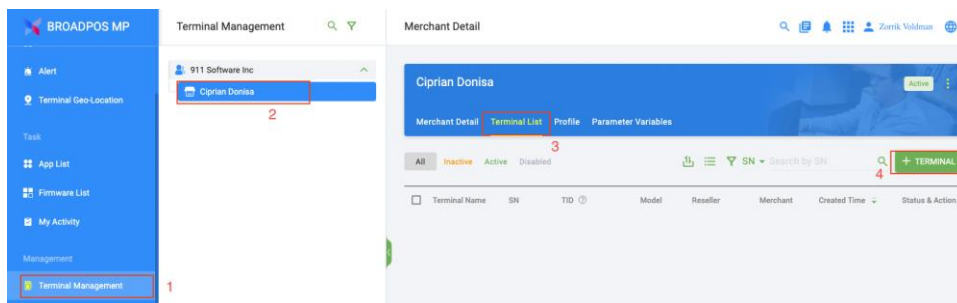


b. Navigate to the Terminal Manager page

First, go to Administrator Center



Second, go to Terminal Manager page and finally click the +Terminal button.



c. Register the A920 device.

First, power on the A920 device and get the serial number on the label at the back of the device.



Second, fill in your real device and merchant info to complete registration.

Create Terminal

Terminal Name: A920 Debug Quantity: 1 * 1

Activate Terminal: Later Immediately 2

Manufacturer: PAX 3 Model: A920 4

Reseller: 911 Software Inc Merchant: Ciprian Donisa 5

SN: 0821880024 6

TID: _____

Terminal Group: Search the Terminal Group here

Location: _____

Remark: _____

CANCEL OK

After registration, you can see your device in the terminal list. Click the device item finally.

BROADPOS MP

Terminal Management

911 Software Inc
Ciprian Donisa

Reseller Detail

911 Software Inc Active

Reseller Detail **Terminal List** Profile Organization

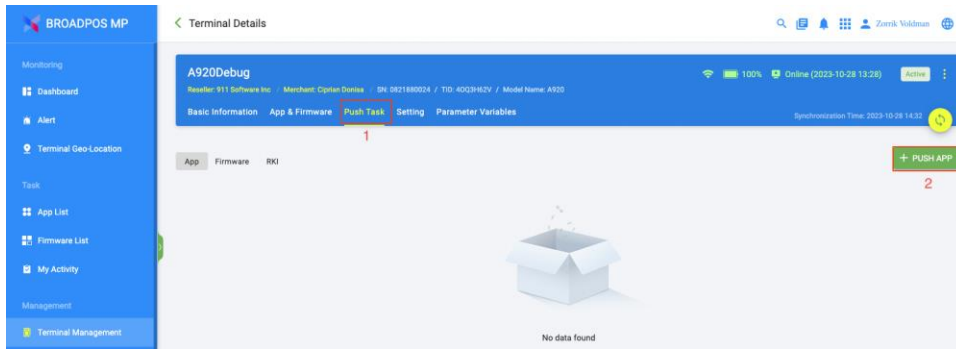
All Inactive Active Disabled Search by SN + TERMINAL

Terminal Name	SN	TID	Model	Reseller	Merchant	Created Time	Status & Action
A920Debug	0821880024	4009462V	PAX-A920	911 Software Inc	Ciprian Donisa	2023-10-17 09:19	Online(30min)

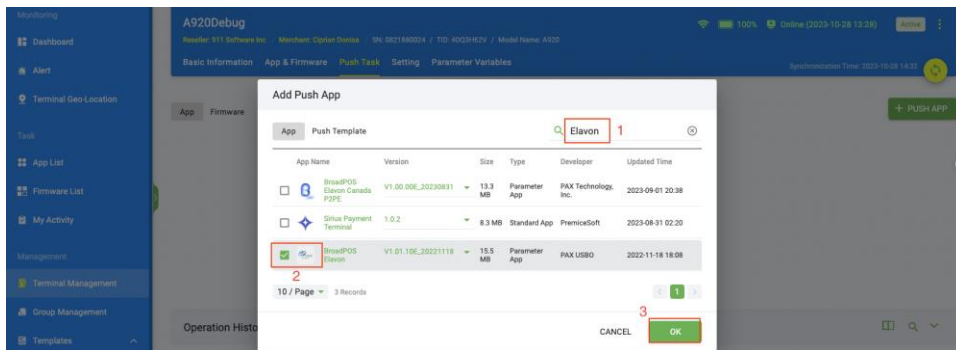
d. Push the required Pax's BroadPos payment app to the device

First, select an appropriate payment processor as needed, such as Portico, TSYS, Elavon, etc. Take Elavon for example, follow the steps below.

Go to Push Task page, click PUSH APP button

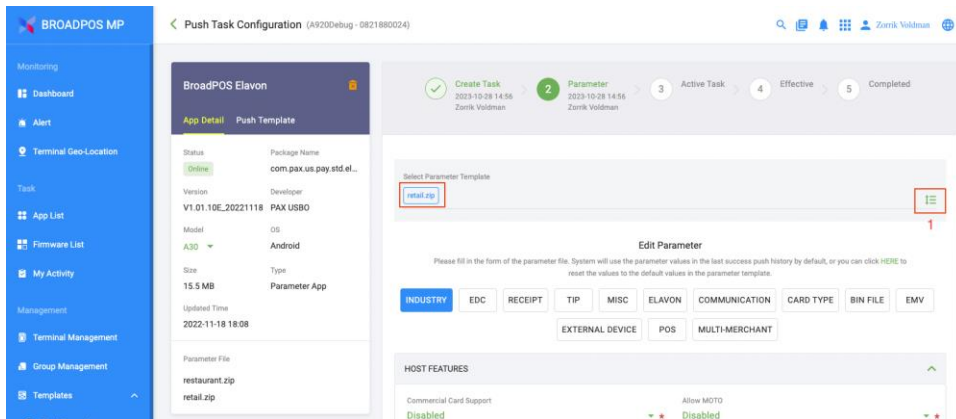


Enter the APP name "Elavon" in the search box to locate the Elavon App and select BroadPOS Elavon APP to push.



Second, fill in the payment params on the push task configuration page.

Confirm the industry type is correct. You can click on the area marked as '1' to switch to the industry type you need.



Set ECR-Terminal integration mod to External POS in MISC tab.

Set Elavon params in the Elavon tab. These params are provided by Elavon payment.

MERCHANT PARAMETERS

Terminal ID	Merchant ID
<input type="text"/>	<input type="text"/>
Support Partial Approval Enabled	P2PE Mode Disabled
HOST ROOT CA File	
<input type="text" value="ELAVONCA.PEM"/>	

HOST URLS

Primary Auth URL prodgate02.viaconex.com	Primary Auth Page /cgi-bin/encompass.cgi
Primary Auth Port 443	Backup Auth URL
Backup Auth Page /cgi-bin/encompass.cgi	Backup Auth Port
Primary Batch URL prodgate02.viaconex.com	Primary Batch Page /cgi-bin/encompass.cgi
Primary Batch Port 443	Backup Batch URL
Backup Batch Page /cgi-bin/encompass.cgi	Backup Batch Port

Third, activate the push task.

BROADPOS MP

Push Task Configuration (A920ebug-0821880024)

Progress: Create Task (2023-10-28 14:56) → Parameter (2023-10-28 23:23) → **Active Task** → Effective → Completed

BroadPOS Elavon

App Detail

Status: Online	Package Name: com.pax.us.pay.std.el...
Version: V1.01.10E_20221118	Developer: PAX USB0
Model: A30	OS: Android
Size: 15.5 MB	Type: Parameter App
Updated Time: 2022-11-18 18:08	

Parameter File: restaurant.zip, retail.zip

Push Content

BroadPOS Elavon
Updated Time: 2023-11-18 18:08

[VIEW TEMPLATE DETAIL](#)

Push Configuration

Wi-Fi Only: (Download over Wi-Fi or Cable network only, don't allow to download over the cellular network)

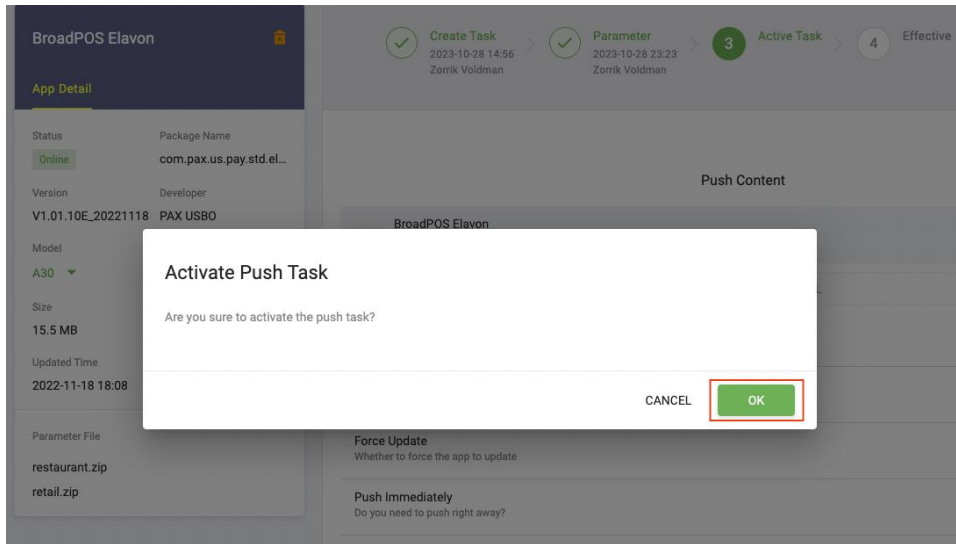
Force Update: (Whether to force the app to update)

Push Immediately: (Do you need to push right away?)

TIME ZONE: (GMT+08:00) China Standard Time - Shanghai

EXPIRED DATE:

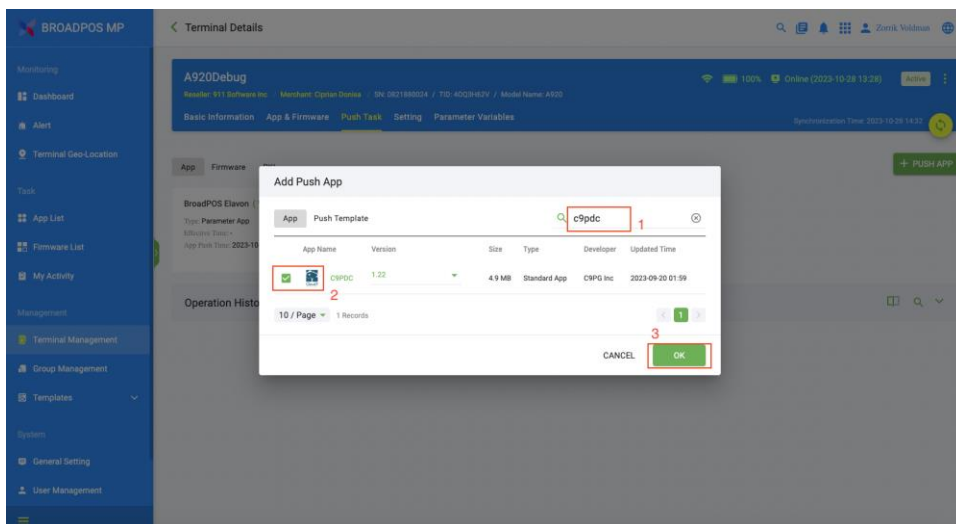
[PREVIOUS](#) [ACTIVATE](#)



e. Push the required Cloud9's C9PDC app to the device

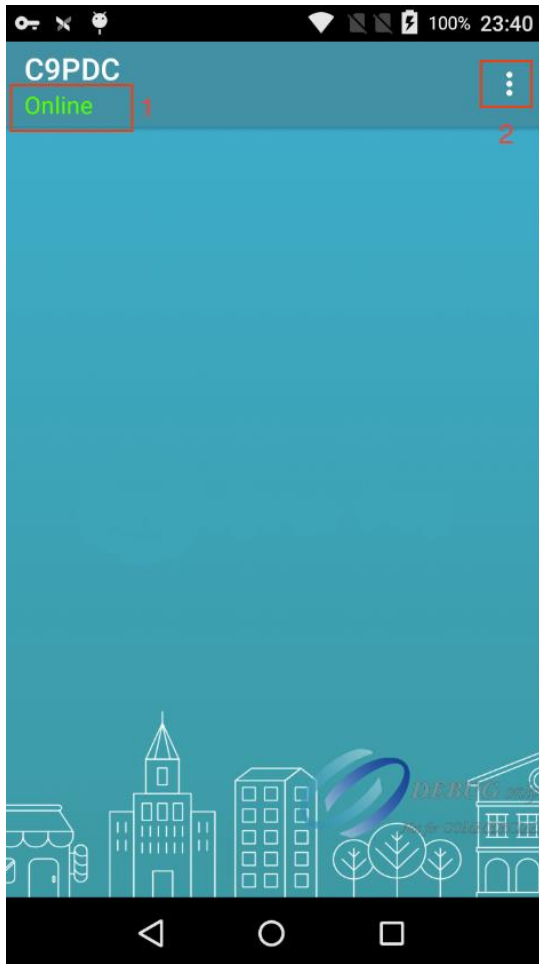
After pushing the BroadPos app, proceed to push the C9PDC app.

Note that you don't need to config C9PDC's params in the push task configuration for now.

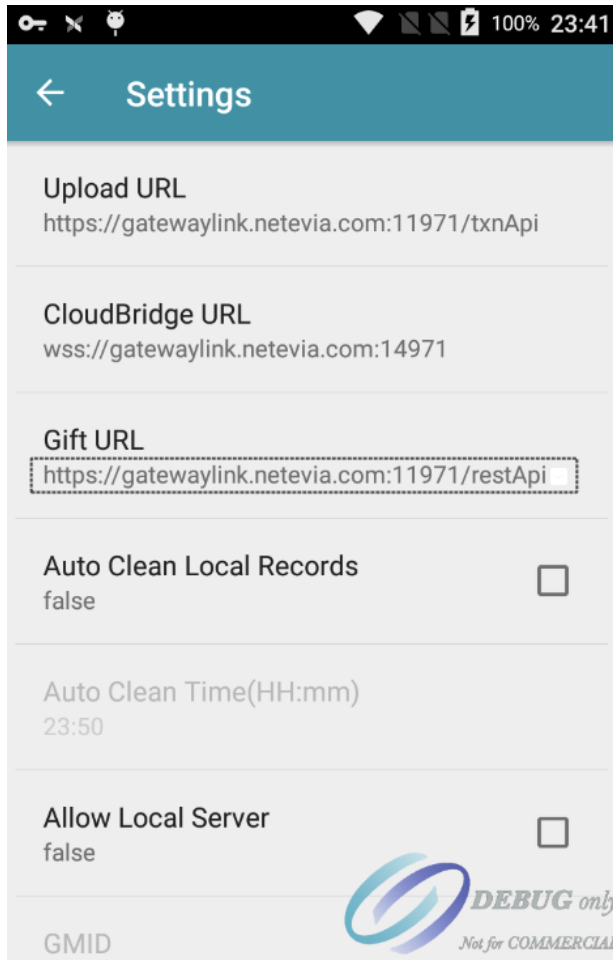


f. Run C9PDC app

The C9PDC app serves as a bridge to Cloud9 gateway and please keep it running all the time when working with Cloud9 gateway. The main screen of the app is as shown below. The area marked '1' indicates the device's connection status, while '2' marks the entry to the menu.



Click the Settings menu item when you want to config the params.



Generally, there is no need to alter the default settings. If changes are necessary, please contact Cloud9 support for assistance.

2. Create a Cloud9 account and bind it to the A920 device.
 - a. Login to Cloud9's web portal. (URL: <https://portal.c9pg.com/>)

If you do not have login credentials, you can contact Cloud9 support to obtain them.

- b. Add a new merchant account

Set the Processor to PaxSemi. Only the Auto Batch Time param takes effect. We recommend that you use the same value as the end auto batch time in the payment app.

Setup > Business > Structure > Merchant-Account-Setup

Filter Nodes: Aaron Golden (Business), PaxTest (Store), Main (Profit Center), PaxSemi (Merchant Account), 0621860024 (Terminal)

Parent Business: Aaron Golden, Parent Region: (None), Parent Property: (None), Parent Store: PaxTest, Parent Profit Center: Main, Current Merchant Account: PaxSemi

Basic Information

Name: PaxSemi
 Tag: [] Ref Number: 782158,782160,782161,782162,782163,782164,78
 Merchant Account Number: 1500270820

Processing

Processor: PaxSemi
 Capture Mode: []

Parameter	Value
Category Code	[]
Terminal Number	[]
Agent Bank Number	[]
Agent Chain Number	[]
Terminal ID	[]
Auto Batch Time	2300EST

Brand Acceptance

Transaction Acceptance

All Accepted

<input checked="" type="checkbox"/> MasterCard	<input checked="" type="checkbox"/> Debit Card	<input checked="" type="checkbox"/> DinersClub	<input checked="" type="checkbox"/> EBT FoodStamp
<input checked="" type="checkbox"/> CUP	<input checked="" type="checkbox"/> Loyalty	<input checked="" type="checkbox"/> VISA	<input checked="" type="checkbox"/> Maestro
<input checked="" type="checkbox"/> AMEX	<input checked="" type="checkbox"/> Discover	<input checked="" type="checkbox"/> JCB	<input checked="" type="checkbox"/> JAL
<input checked="" type="checkbox"/> Gift	<input checked="" type="checkbox"/> Prepaid	<input checked="" type="checkbox"/> EBT CashBenefit	<input checked="" type="checkbox"/> E-Check

Mapping

All Card Brands

<input checked="" type="checkbox"/> MasterCard	<input checked="" type="checkbox"/> Debit Card	<input checked="" type="checkbox"/> DinersClub	<input checked="" type="checkbox"/> EBT FoodStamp
<input checked="" type="checkbox"/> CUP	<input checked="" type="checkbox"/> Loyalty	<input checked="" type="checkbox"/> VISA	<input checked="" type="checkbox"/> Maestro
<input checked="" type="checkbox"/> AMEX	<input checked="" type="checkbox"/> Discover	<input checked="" type="checkbox"/> JCB	<input checked="" type="checkbox"/> JAL
<input type="checkbox"/> Gift	<input checked="" type="checkbox"/> Prepaid	<input checked="" type="checkbox"/> EBT CashBenefit	<input checked="" type="checkbox"/> E-Check

Notes: []

Cancel Save

c. Register device in Cloud9

First, add a new Terminal and then click the Register Terminal button.

Setup > Business > Structure > Terminal-setup

Filter Nodes: Aaron Golden (Business), PaxTest (Store), Main (Profit Center), PaxSemi (Merchant Account), 0621860024 (Terminal)

Parent Business: Aaron Golden, Parent Region: (None), Parent Property: (None), Parent Store: PaxTest, Parent Profit Center: Main, Parent Merchant Account: PaxSemi, Current Terminal: 0621860024

Status: Active Type: Terminal Store: PaxTest Merchant Account: PaxSemi

Basic Information

Name: 0621860024
 Tag: dev Ref Number: 1520059013
 Terminal Number: 1500270838 Short Code: 2323
 Serial Number: [] **Register Terminal**

Gateway

Username: user Password: []
 OTID: QT1520059013 Main Lane Number: 1
 Token: []

Entry Capabilities

Manual Entry: Select Manual Entry
 MSR Entry: Select MSR Entry
 ICC Entry: Select ICC Entry
 Contactless Entry: Select Contactless Entry
 MICR Entry: Select MICR Entry
 PIN Entry: Select PIN Entry
 Signature Entry: Select Signature Entry

Security Capabilities

Certificate Cap: Select certificate type
 Encryption Cap: Select Encryption type
 Certificate Number: []

HW System Info SW System Info Controller System Info

Make: [] Model Number: []

Second, choose Pax as terminal type and fill in your real device serial number.

Register Terminal

GMID:
1511105982

GTID:
GT1520059013

Name:
0821880024

Terminal Type:
Pax 1

Serial Number
0821880024 2

3

>>Proceed

Main Lane Number: 1

Certificate Number:

Click the Proceed button finally to complete the registration.

At this point, all configuration tasks have been completed.

3. Construct transactions using the Cloud9 account.

For how to construct a transaction, refer to the Api document. (URL: <https://testlink.c9pg.com/apidocs/>).