

SmartPOS Store

# App push operation



# The app push process – before we go

## Important information

The **app push process** is one of the great benefit of the SmartPOS Store. It allows to **fully automate app distribution** within the range of terminals however the Store supports also manual push operation for one or bunch of selected terminals.

Before we go deeper into the processes, there are couple of **important information** to be familiar with:

- **Prior the push** setup or execution the app must be fully deployed to the Store. This means, the **app is certified** (signed) by WL, **deployed** by provider, **and approved** by WL partner manager.
- The push task may be applied to **single** terminal or a **group** of terminals or specific **merchant type**.
- The groups of terminals are always defined **by terminal model** (one group cannot consists of 2 different terminal models)
- There are 2 different types of terminal groups:
  - **General group**: a static construct consists of manually added terminals of same model for the specific reseller (or few of them)
  - **Dynamic group**: a flexible construct defined for specific terminal model and for the specific reseller (or few of them) where the terminals are assigned automatically
- The **reseller** is virtual object for grouping specific merchants (may represent a specific market or real reselling organization or large merchant/retailer)
- In one push operation may be executed (or defined) for **single or couple** of different applications.
- The push operation may be defined to be executed immediately or any defined time later.

# Additional push operation types

## SmartPOS Store capabilities

Push

### Message

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Combined with and executed for  
group of terminals

Push

### Uninstallation

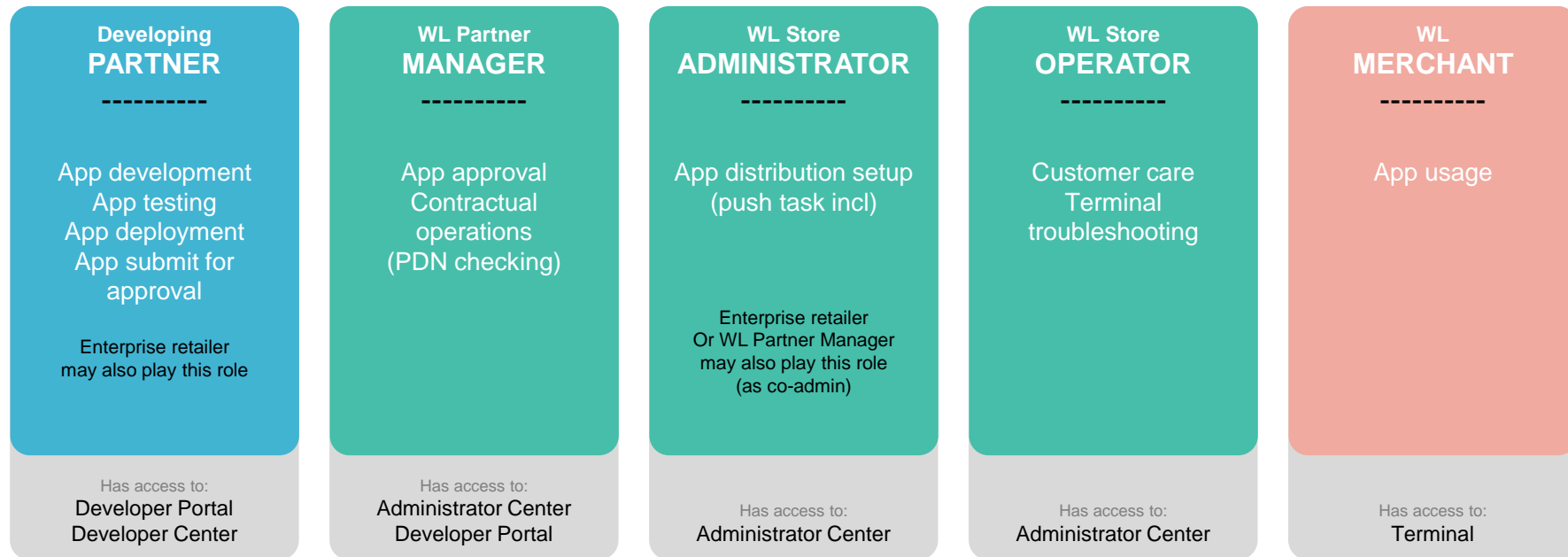
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Combined with and executed for  
group of terminals for specific application(s)

The next pages focus on primary push operation: **app installation**

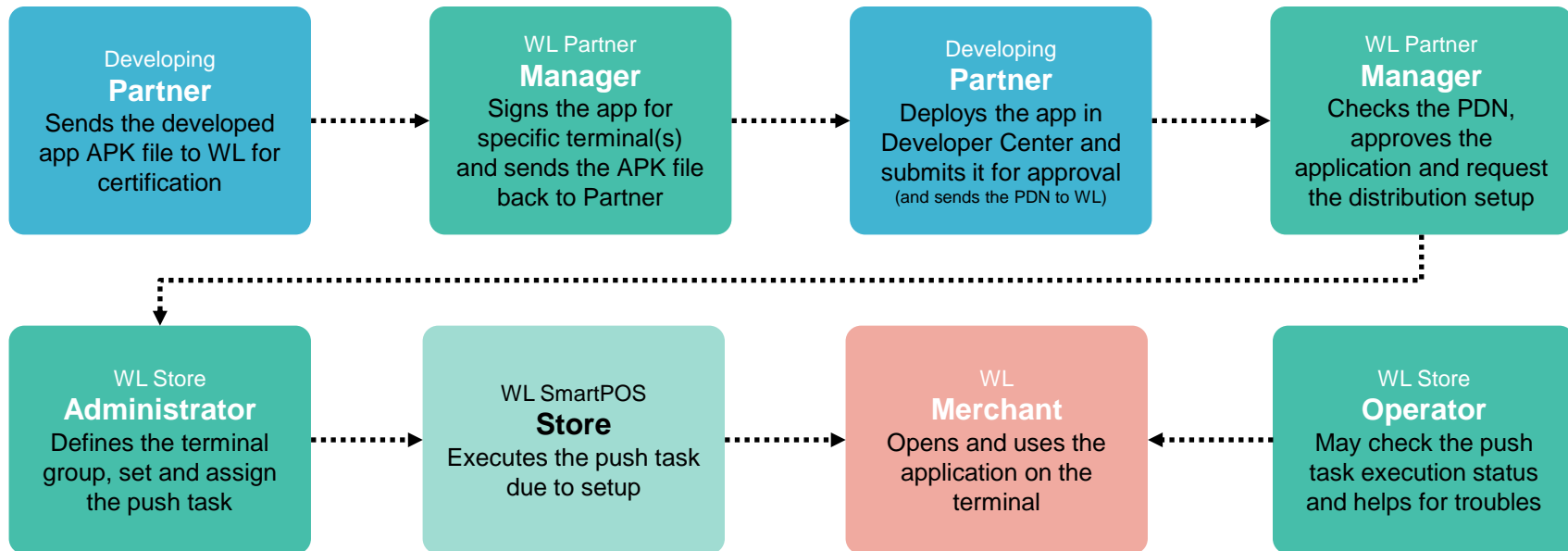
# The app push process – before we go

## Process stakeholders



# The app push process – how it works

## General overview

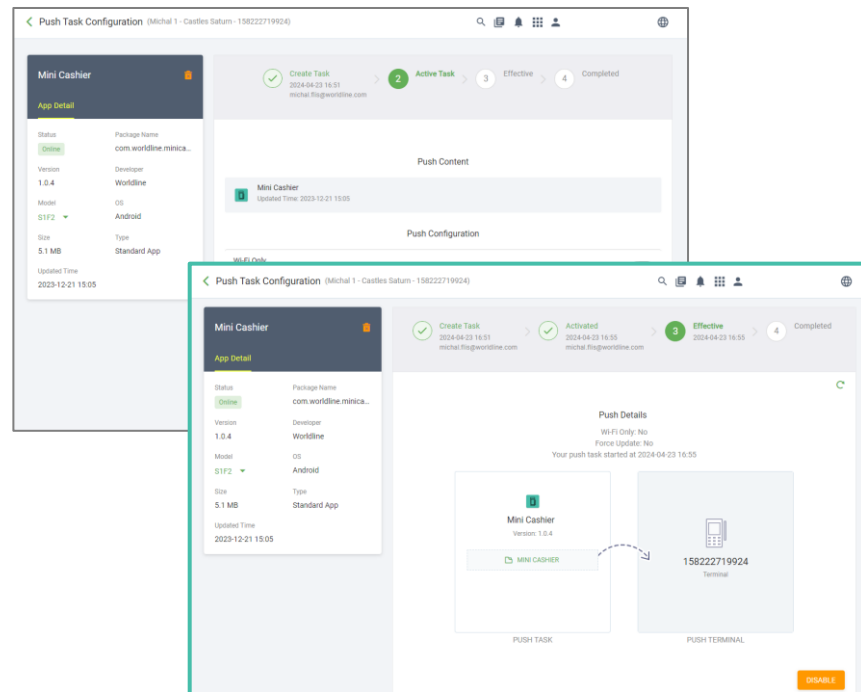


# The app push process – manual execution

## For selected terminal

Once the app is deployed, and approved the Store Administrator is requested by WL Partner Manager to setup the distribution and setup the push task for the app.

1. App is assigned to a specific market, re-seller or merchant
2. WL Admin finds the terminal for which the push task will be defined and executed. The terminal is always assigned to Merchant and (via Merchant) to Reseller (a market or business entity)
3. In the Terminal view WL Admin finds the Push task set up panel and defines the push task parameters like exact timing, terminal internet connection type or overriding the existing version of the app etc.
4. After the set up the push task is activated for an execution.
5. Store Backend sends APK file to the terminal and the Store agent service app executes the installation.

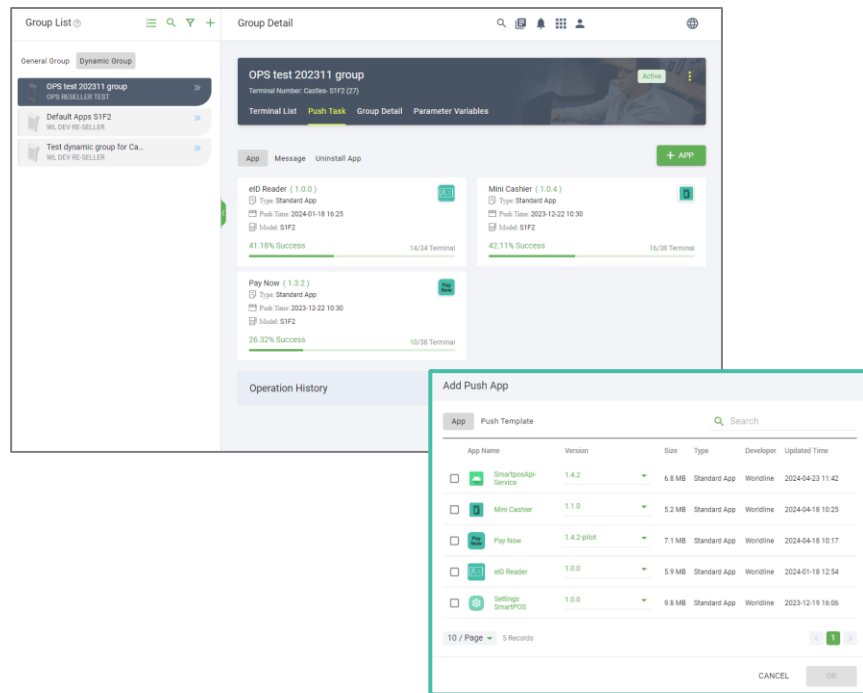


# The app push process – batch operation

## On group of terminals

Once the app is deployed, and approved the Store Administrator is requested by WL Partner Manager to setup the distribution and setup the push task for the app.

1. App is assigned to a specific market, re-seller or merchant
2. The Admin may use one of already created group or may create a new group of terminals
3. Once the group is created the push task may be set up and applied to that group – this requires specific app selection and definition of push task parameters like exact timing, terminal internet connection type or overriding the existing version of the app etc.
4. After the set up the push task is activated for an execution.
5. Store Backend sends APK file to the terminal and the Store agent service app executes the installation.



# The app push process – setup for automation

## On **DYNAMIC** group of terminals – full automation

The process set up looks the same as for the terminal group, but the **DYNAMIC** group is selected (or defined) to assign push task.

The dynamic group properties allow to ‘**set and forget**’ optimization. Once the group is defined for a specific terminal model and specific reseller (market or business entity) **ALL NEW** connected **terminals** of the same model (of the same reseller) will be assigned to that group automatically.

Moreover, once the push task for specific application is defined for the group **ALL NEW** terminals of that group will be automatically executed with that push task.

The dynamic grouping combined with the push task allow to fully automate the new terminal set up for the apps (one or more apps may be defined for a single push operation).

#	Terminal Name	SN	TID	Merchant Name	Task	Created Time	Status
1	26197130	158223833200	26197130	Barcelona - Ascott test	0/0	2024-02-28 17:04	Active
2	Joanvi Castles	158223833795	26197134	Barcelona - Ascott test	0/0	2024-02-28 16:59	Active
3	Xavier Castles	158223837043	26197129	Barcelona - Ascott test	0/0	2024-02-28 16:57	Active
4	Razan 1	15822642905	908700BC	Secin - Razan Assaad	0/0	2024-02-22 10:59	Active
5	Javier 2	15822720378	Q8JSHF8M	Zurich - Javier Aliende	0/0	2024-02-14 14:40	Active
6	Javier 1	158213609599	RROV56J5	Zurich - Javier Aliende	0/0	2024-02-14 14:40	Active
7	Alejandra 1 - Castles Saturn	15822644968	6T4TICKJ	Lille - Alejandra Urrego	0/0	2024-02-09 13:53	Active
8	Cedric - Saturn	158223836170	OY8LCL1S	Lille - Cedric Lameire	0/0	2024-01-15 16:22	Active
9	Castles-EUR-26197054-40	15822643032	MSKJ7YDN	Brussels - Lieven	0/0	2024-01-04 12:27	Active
10	IEC	158223836179	TE0F4YF3	Secin - Romain Querieu	0/0	2023-12-14 11:39	Active
11	Romain - NIEXP 015 - Julien D	158223836175	11QMI5EE	Secin - Romain Querieu	0/0	2023-11-29 17:30	Active
12	Castles 261046022 PRODUCTION	158223834365	AYQ0A0OL	Brussels - Lieven	0/0	2023-11-17 08:56	Active



# Bind app distribution

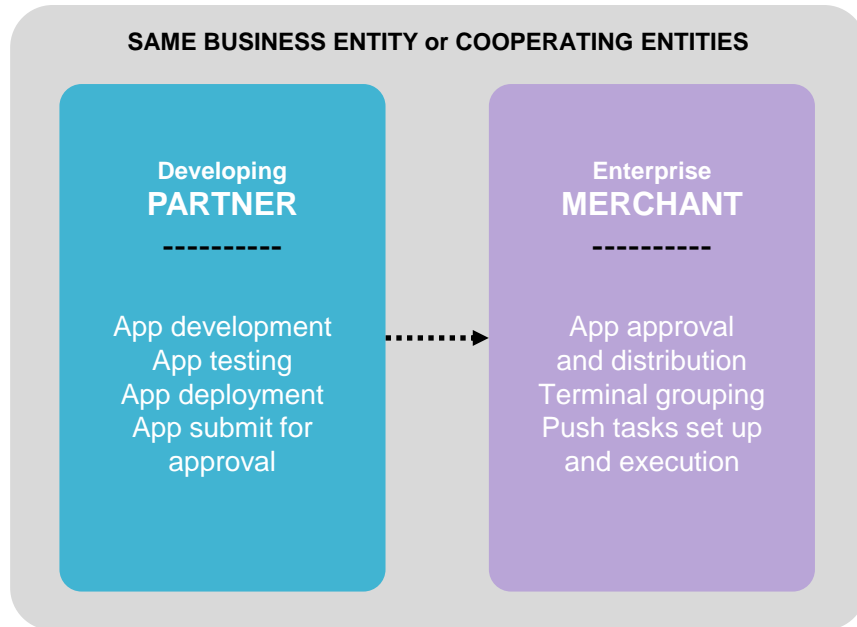
For Enterprise clients having own app provider (or being app provider directly)

There might be a specific case for **Enterprise market** when the WL client for SmartPOS Services (Merchant) **plays a combined role of app provider and app distributor** (and possibly user).

This is common case for large business enterprises having their own development team or cooperating with the 3<sup>rd</sup> party app providers for app development and deployment on the exclusivity mode.

The Store allows to combine both roles with binding the Developer (app provider) with the Reseller (app user) – the same business entity may be granted with access to Developer & Administrator Centers for app delivery and distribution.

Once the connection is set all apps deployed by the Developer via the Developer Center are automatically approved and combined with dynamic grouping & push tasks may be distributed to the Reseller's terminals, so no personal assistance is required.





# Thank You

**For more information please contact:**

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TO&AE