

The main goal of this demo (with data) was to speed-up the process to test this cool solution quickly, providing valid information and removing most of the normal configuration and implementation details of Adempiere ERP, SmartPOS (Open bravo Distro) and ActiveMQ. That means you must to follow the instructions in detail, don't change folders, passwords and so on. (your risk).

Warning: Please have in mind this setup process is not a for end-users, though we did our best preparing a pre-configured demo integrating SmarPOS, Adempiere ERP and ActiveMQ (secure) located in different OS environments (windows & Linux), don't forget this is not a small toy, we are integrating three big products, each of them with an important learning curve, plus a significant integration and documentation effort.

Then we should clarify that we won't support basic questions about each product, also please be sure of reading all the available documents, wiki and FAQ available within our project repository: <https://sourceforge.net/projects/smart-pos/> before asking for help; with those documents and this demo an average user with basic knowledge of Adempiere ERP, Linux commands, POS and basic database operations should be able to test the integrated solution. If you don't have those basic IT skills we suggest you to get professional help.

This demo has been provided for evaluation purposes only and it is optimized for Panama localization (Adempiere ERP); if you like it and you plan a more advanced implementation, customization, accounting changes for your country, security changes and so on, allows us to suggest you to hire professional services with us or your closest Adempiere ERP consultant around the world. If you have questions or suggestions about our SmartPOS project please use the source forge forums for each topic and language.
<https://sourceforge.net/projects/smart-pos/>

We hope the open source community enjoy this effort performed by our SmartJSP development and functional teams.

Regards

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System Requirements

1. A windows box (Windows 7) with a valid JDK6 installed for the SmartPOS app:
2. A Linux server: For the ERP, Postgres 9 database and ActiveMQ services:
It might be a virtual box appliance such as: centos or ubuntu with Postgres 9.x installed with remote access enabled.

SERVER SIDE INSTALLATION STEPS (Linux)

3. Create a database user called: adempiere, with password: adempiere with dba permissions
4. Create a folder called: /app/java (please don't change it)
we will use this location for your JDK, adempiere and activemq demo installation
5. Uncompress all the .tgz files provided.zip under: /app/java

```
tar -xvzf ./smarterp-19032012-PG90-Linux.tgz
tar -xvzf ./activemq-19032012-Linux.tgz
tar -xvzf ./jdk16-021-19032012-Linux.tgz
```

6. set your JAVA_HOME environment variable pointing to: /app/java/jdk1.6.0_21 and restart your terminal session to take the environment change.

7. Create a database called: smarterp owner : adempiere
restore the backups/smarterpdemo.backup (ERP) overwriting your smarterp database

8. Create a database called smartpos owner: postgres
restore the backups/smartposdemo.backup (POS) overwriting your smartpos database

9. Check your server IP address, please take your linux server IP add a hostname entry to your /etc/hosts to resolve the adempiere hostname to your linux box.

192.168.0.18 adempiere adempiere2

Where 192.168.0.18 should be replaced by your server ip address.

- Start services (adempiere and activemq): /app/java/SmartERP/sube

This script will start both services and it will create log files for adempiere and activemq in your /tmp folder

- Test access your ERP and activeMQ services using your browser:

Test if ActiveMQ is up: <http://192.168.0.18:8161/admin/>

Test if Adempiere ERP is up: <http://192.168.0.18:8086/webui>

CLIENT SIDE (Windows Desktop)

- Install smartpos app, using the windows installer provided.

SmartPOSV1-0-Install.exe

- Run smartpos windows application and check the following settings in your configuration panel, using your postgres database config. Changing your URL.(with your server ip address) and your postgres password.

Configuration

Database

Driver library	<input type="text" value="C:\smartpos\lib\postgresql-9.0-801.jdbc4.jar"/>	
Driver class	<input type="text" value="org.postgresql.Driver"/>	
URL	<input type="text" value="jdbc:postgresql://192.168.0.18:5432/smartpos"/>	
User	<input type="text" value="postgres"/>	
Password	<input type="password" value="*****"/>	

14. (Optional) Double check your SmartPOS resources configuration (recursos) login as SystemAdministrator and go to the resources panel checking the following settings (if you performed the previous steps most of these value should be ready to go)

```

    ↳ jms.url      tcp://192.168.0.18:61616           // change to your server
    ↳ jms.userLogin smart
    ↳ jms.password smartpwd
    ↳ jms.outqueue   1000003
    ↳ jms.inqueue    1000007
    ↳ paymentSyncId
        cash=1000002
        cheque=1000003
        magcard=10000204
        free=free
        debt=debt
    ↳ customer.default.id 1000072
    ↳ Printer.Mapping
        Cocina=2
        Bar=1
        Bar2=4
        Cocina2=3
        Cocina3=5
    ↳ price.listId   1000014
    ↳ id.basicProduct 1000220
    ↳ email.properties (set to your email address and server) to send email notifications
    ↳ activeMQConfiguration (check that these three lines exists in the middle of the XML
        existent lines for this resource)

```

```

<user login="smart" password="smartpwd" roles="users"/>

<queue name="1000007.>" read="users" write="users" admin="users" />

<queue name="ERP1000003.>" read="users" write="users" admin="users" />

```

15. Save all your changes and restart the SmartPOS
16. You are ready to start the first synchronization process to load all the ERP info in your empty POS

Just login as System Administrator, and execute the menu option called: Synchronize with ERP.

This process might take 2-3 minutes some times depending on your processor, just wait until you see a message: Synchronization Finished

17. (Real time sync) From now on, any changes within the POS and ERP will be synchronized as it is described in the documentation
18. Enjoy and play it.