

Odoo DB Synchronisation

The Odoo based ERP system deal with the multiple odoo instances and collects sales data and maintain them into a master Odoo instance.

Infosec Industry

Abstract

Our Delhi, India based client has business in different industries and different locations. They organize Sale expos to reach out to different parts of the country. Their motto is to make available cost effective products to the people.

Problem Statement

Our client had an Odoo system running on their premises. They use the Point of Sale module of Odoo for their daily sale. The problem with them was when they travel for campaigning and have sales, they can't carry servers with them. Also, they need to travel in such areas where internet is not available. For that purpose they wanted to have a system which:

- Allows to run Odoo POS on an offline machine.
- Syncing of sales and accounting data when they return back.
- Along with Sales they want to sync customer info, POS sessions and inventory with the main Odoo server.
- They wanted to have a custom module that sync the offline and online systems and it was not readily available in the Odoo marketplace.

Benefits Delivered

- No need to maintain multiple ERP instances.
- Uninterrupted selling even when internet is not available.
- Sync multiple instances anytime from anywhere.
- Data entry time reduces to 30% with synchronization process.
- Easier accounting as only single system to look at.

Challenges & Limitations

- Both the servers have different amounts of data with different unique identifiers and different inventory. Also, each offline server shouldn't be aware of other offline servers.



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Aspire Solutions

Aspire understood the requirement from customers and explored the different possible business scenarios. Our engineers explored and understood Odoo's database thoroughly and found a way to implement it after some research.

- Used Odoo XML RPC API to communicate between offline and online servers
- Provided interface to push or pull data from offline server
- Provided solution for Odoo10 & Odoo11 versions.

Technologies Used

Python, Odoo10, Odoo11, Odoo XML-RPC APIs, Postgres, Bootstrap, HTML5, CSS3

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The team at Aspire Software Solutions is simply the best. What makes Aspire so great is their attention to detail, availability and most importantly, their knowledge and expertise to deliver on time and according to requirements.

Contact Us



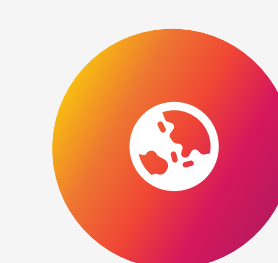
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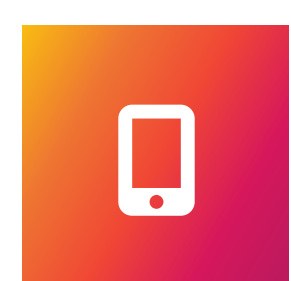
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Digital Transformation



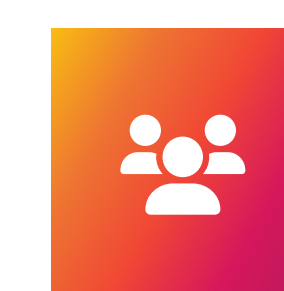
Odoo ERP Development



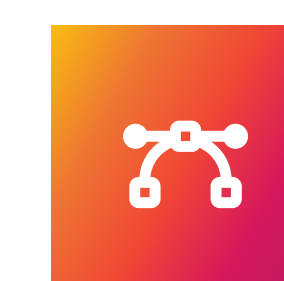
Portal Development



DevOps Service



Staff Augmentation



UI/UX Design