PROJECT SNAPSHOT

ACSONE DEVELOPS A SOLUTION TO MANAGE ALL THE ACTIVITIES OF AN ON-LINE SHOP (E-COMMERCE)

"

ACSONE realized this project with great professionalism and demonstrated the high capacity level of its team. WINK is fully pleased with the result of this collaboration.

Cédric Antoine
Managing Director, Wink

"

➔ THE SITUATION: LAUNCH OF A NEW CONCEPT OF STORES

Wink, brand of Louis Delhaize Group, is a drive supermarket. This is a new concept of stores that consists of an on-line order via the website www.wink.be. The customer may choose the delivery time (day and hour) that may be from two hours after the order. The customer arrives in the drive, identifies himself with an RFID card and within five minutes, the products are brought to his car by an agent. This service is completely free of charge.

The set up and development of the entire IT system has been initiated at the beginning of 2013 for a production starting in November 2013.

➔ THE CHALLENGE: FIRST STORE UP AND RUNNING IN LESS THAN ONE YEAR

To ensure the challenge of such a short delay to put in place this management system Wink gathered several companies to get all the required competencies:

- Bluevision: responsible of the eCommerce website based on RBS change (opensource eCommerce CMS);
- and Acsone in charge of the ERP for all the functionalities related to procurement, goods acceptance, sales, order picking, invoicing, accounting and connectors to third-party systems (ERP-eCommerce, Ogone, media manager).

➔ THE SOLUTION: EXPLOIT STANDARDS AND ODOO FLEXIBILITY

The part of solution developed by Acsone consisted of:

- Connectors allowing Odoo to communicate with the RBS eCommerce platform (stocks synchronization, lists of goods, orders) ;
- Odoo extensions to manage
  - o the delivery management system in two phases : order preparation and order finalization when the customer arrives);
  - o the suppliers orders and stock management systems
- Connectors allowing guns used for picking in the warehouse to communicate with Odoo;

- All requirements linked to customer invoicing;
- Connectors to Ogone payment system;
- Development of a fidelity program based on accounting;
- Orders process and reception of goods systems optimization;
- Advices and support to the setup of multi-companies accounting with among other particularities a completely automatic reconciliation service for payments.

The architecture of the solution is based of RBS eCommerce site and business applications suite of Odoo and all the related recommendations.

The Odoo backend proposes on one hand autonomous modules, lightly connected and on the other hand a clear scission between the presentations layers, the API services, the business and the datas. The underlying architecture and the flexibility of the platform help to adapt it to the specific requirements of Wink (e.g. picking and resupplying) and to connect efficiency outside systems such as ECommerce and Ogone (payment system).

➜ RESULTS: ONE FIRST STORE IN ZAVENTEM (BRUSSELS) ON LINE SINCE 27/11/2013;   THE SECOND STORE (WAVRE), ON LINE SINCE 25/04/2014

Scrum agile methodology has been used to ensure the respect of the deadlines perfectly adapted for that kind of critical projects. Weekly sprints have been applied to keep the tight timing of delivery. Unit tests have been executed following the Odoo framework.

In a global way, our strategy for this project was:

- Requirement analysis;
- Management of Odoo standard modules and community modules;
- Respect of the following outline:
  o Use of the standard modules;
  o Use of the OCA's modules ;
  o Add of module evolutions proposed and supported by the community ;
  o Proposition of new generic modules to the community ;
  o Developments of tailored modules linked to customer' specific requirements.

The quality management have been applied following all the directives of our ISO 9001-2008 certification, including review of all produced documents and coding. A tight focus on customer's communication helped to make this project a complete success.

➜ USED TECHNOLOGIES

SOFTWARE:	Odoo v7
E-COMMERCE:	RBS Change
LANGAGES:	Python, Javascript, XML, HTML
OPERATING SYSTEM:	Linux Ubuntu Server
DATABASE:	PostgreSQL
METHODOLOGY:	Scrum
PROJECT MANAGEMENT:	JIRA, GIT

➜ PROJECT DETAILS

COUNTRY:	Belgium
PERIOD:	2013 - 2018

CONTACT US

+32 2 888 31 20   Belgium:
Waterloo Atrium
Drève Richelle 167, 1410 Waterloo

+352 20 21 10 20   Luxembourg:
Zone Industrielle 22, 8287 Kehlen

acsone
www.acsone.eu
info@acsone.eu