

A Solution builder at your disposal

OADCS is a tool which could enable you to extend its usability to any application area you can think of.

Traditionally, users have seen data collection system being applied primarily only to Supply Chain Applications such as Warehousing, Shipping or shop-floor applications. With the future looking to be owned by mobile applications, this tool will help you to position yourself well in advance to take on business challenges of tomorrow

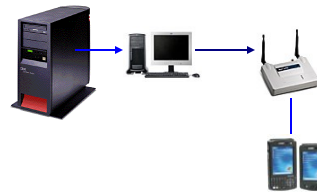
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Architecture

Enterprise Applications OADCS Server Wireless Router



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Ottap Auto-Id Data Collection System

OADCS is a product that could enable a business analyst to easily configure and translate a business requirement to a working data collection system to suit the requirements of the business. The OADCS data collection solution has a flexible architecture to easily interface with any back-end Enterprise Application systems such as ERP systems running on any of the popular platforms such as MS Windows, Unix, Linux, IBM AS/400 i series or Mainframe systems. It can run on databases such as MYSQL, MS SQL Server, Oracle 8i +, DB2, PostgreSQL and any other database which can interact with a JDBC interface.

Some of the conventional candidates for data-collection application with bar-code/RFID are :

- **Shipping, receiving & transfers**
- **Production control**
- **Labor reporting**
- **Inventory control**
- **One-step billing**
- **Employee time and attendance**
- **Paperless directed picking**

Minimum Investment

OADCS uses safe and proven open source resource software like Tomcat web server and java technology . This makes it portable across any popular java supported platforms such as Microsoft Windows, UNIX, Linux or IBM OS/400 painless. If a customer already has MS SQL Server or owns Oracle or DB2, the same can be used for OADCS. No new investment will be needed to use this tool. Since this tool is browser based, it can run on any device which can run a browser soft-



ware and get connected to the server by TCP/IP over the internet or intranet. There is no hard and fast rule to use a particular recommended device. The customer will have the freedom to buy and use a device of their

choice as long as it can run a web browser and get connected to a

TCP/IP network. This can save a lot of time , money and effort and eliminate pain and frustration and protect their investments. The same software could be used for bar-code , RFID or other technologies like biometrics with ease.

Ease of use

- A System/Business Analyst can create users, roles and transactions and leave the rules to

be built by the developers.

- A set of rules can be created and shared by multiple transactions.
- Rules can be made up of SQLs, Stored Procedures, PL SQLs in case of Oracle or any external programs that can run in a java compatible platform. The external calls in the rules can send and receive parameters..
- The transactions can be PO Receipt to Stock,, Material Transfer, Customer Order Pick etc., or any similar transactions
- Roles decide what transactions a user will have access to.

A business consultant who knows the requirement can quickly create a prototype and if he/she has skills to write SQLs , he/she can easily build a system which will be very easy to analyze for testing various business scenarios by making changes without having to depend on a programmer. This will greatly improve the efficiency throughout the life-cycle of the system created. Its architecture is very simple to install and maintain:

The team from Ottap aims to help their clients achieve a competitive edge, reduce operational costs and improve efficiency with automatic data capture solutions built using OADCS. We have taken extreme care to build a software tool that will be easy to use and at the same time have all the functionality required for your business.