

# Announcing: LongRange, LANSA Commerce Edition Mobile and LANSA Data Quality Inspector

LANSA announces three new and innovative products, all three based on mobile technology.

**LongRange** is a mobile application development tool that enables IBM i developers to use their existing RPG, COBOL or LANSA skills to build and maintain stylish, hi-performance mobile business solutions for native deployment on Apple and Android devices. With LongRange, IBM i programs have access to mobile device facilities, allowing developers to incorporate features such as signature capture, barcode scanning, audio/video, and geo-location into their mobile business solutions.

A LongRange app is a native app but it does not come with the usual disadvantages associated with native apps. With LongRange you don't have to re-publish an app every time the business logic changes; you don't have to develop a separate version for each device type; you don't have to learn Java, Objective-C or other new development skills.

Deployment is by downloading the LongRange app from an app store and configuring communications with your IBM i server. Updating mobile apps is the same as updating any IBM i program. Once updates are applied to your IBM i production system, they are instantly available to users of the LongRange mobile app, without them having to download or update anything on the mobile device..

For companies utilizing IBM i technology in their operations, LongRange will significantly shorten the time-to-market and noticeably lower the total-cost-of-ownership of their mobile solutions. For LANSA developers, there is a version of LongRange which is not restricted to IBM i.

LongRange is explained in more depth in the Architects Corner on page 22.

**LANSA Commerce Edition Mobile** is a native mobile eCommerce application for the IBM i. LANSA Commerce Edition Mobile is developed using LongRange and it capitalizes on LANSA's well established Commerce Edition solution.

Over 10 years ago, LANSA found itself coding custom eCommerce Websites over and over again, for an array of industries, even though the functionality of each site was basically the same. This led to LANSA's R&D team applying its experience to build LANSA Commerce Edition, a turnkey eCommerce solution constructed on a suite of prebuilt B2B and B2C components, designed to integrate and extend information in back office ERPs to a desktop browser.

If you are not familiar with LANSA Commerce Edition, it's all explained at [www.lansa.com/products/b2c-b2b-e-commerce.htm](http://www.lansa.com/products/b2c-b2b-e-commerce.htm)

Fast forward to 2012 and we noticed a similar trend, but this time in mobile eCommerce. This was the catalyst for LANSA to develop Commerce Edition Mobile – a native Apple or Android app that shares all of the same proven backend componentry as LANSA Commerce Edition.

Commerce Edition Mobile has been designed to integrate with JD Edwards, Infor ERP LX, XA, System21 and other ERP systems to support customers, remote sales forces and other roles.

Features included are Product Catalog, Personal Catalog, Order Templates, Signature Template, Shipment Tracking, Invoice Payments, Freight calculator and generation of PDF Catalogs.

The solution comes with all the source code, allowing IBM i developers to customize the application and quickly roll out native apps for mobile eCommerce.

**LANSA Data Quality (DQ) Inspector** is a FREE mobile app for conducting physical product inspections. Data quality is a top priority for organizations in the supply-chain and getting it right first time delivers cost benefits throughout the entire process.

DQ Inspector is a data capture app, built for iPhone, iPad and iPad Mini devices. It fully supports GS1 and GDSN standards, a key component of which is the validation of inspected items against GS1 Data Quality Framework (DQF) measurement tolerances associated to packaging types. It is the first of its kind and revolutionizes the product inspection procedure as performed in conjunction with the GS1 DQF.

The solution increases data quality by automating the capture of physical attributes and compiling comparative inspection results that can be used for data quality reporting. Using wireless devices for barcode scanning, weight recording and dimensions capture that connect directly with DQ Inspector via Bluetooth, users can record product attributes without hand-keying data. Manual input is possible as well.

DQ Inspector is a native iOS app that operates in both a networked and offline environment. It has an embedded file management and communications system that allows users to import product inspection sets in a variety of formats, including MS Excel, from either a server or from email attachments. The user can perform an inspection against that data and return the results file via the same route.

This data can be consumed by a Product Information Management (PIM) system, an ERP solution or a Business Intelligence tool to initiate workflow activities and generate GS1 compliant data quality reports following the principals defined in the GS1 DQF.

