Oracle® Retail
XBR^i Loss Prevention Cloud Service
Release Notes
Release 10.8

September 2014

ORACLE®

Contact Information

30500 Bruce Industrial Parkway	1800 West Park Drive	7031 Columbia Gateway Drive
Cleveland, OH 44139 USA	Westboro, MA 01581	Columbia, MD 21046-2289
Toll Free: 888.328.2826	Tel:508.655.7500	Tel: 443.285.6000
Tel: 440.498.4414	Fax:508.647.9495	
Fax: 440.542.3043		

Table of Contents

Release Overview

Note: The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

This document contains the release notes for XBR^i Ingenium 10.8 release. These release notes cover new features and enhancements for this version.

XBR^i 10.8 is available to Food and Beverage customers in all global markets. Embedded on a leading Business Intelligence platform, it adds robust Self-Service BI (Visual Insight custom dashboard and document) capabilities, several new pre-designed dashboards, Dynamic Address Lists for external subscription delivery, and the XBR Ingenium mobile app that lets users easily look up data on locations and employees, and run reports and dynamic dashboards from anywhere, at any time on an iPad, iPad mini, or Android tablet.

Release version	Release Date
10.8	9/2014

Features

This section includes a brief summary of the new features in XBR^i Ingenium 10.8.

New Dashboards

There are three new pre-designed dashboards provided in the categories of Discounts, Sales Analysis, and Voids. These dashboards and the KPI Dashboard are also available on the XBR Ingenium mobile app. Dashboards allow for interactive analysis by using grids, graphs, control selectors, and widgets.

Sales Analysis Dashboard

This dashboard visualizes sales for a district, location, or revenue center, including net sales, item count, check count and net sales by employee. It uses visualization to compare item per check TY vs LY and average check TY vs LY. It charts net sales TY vs Fiscal LY trends over time.
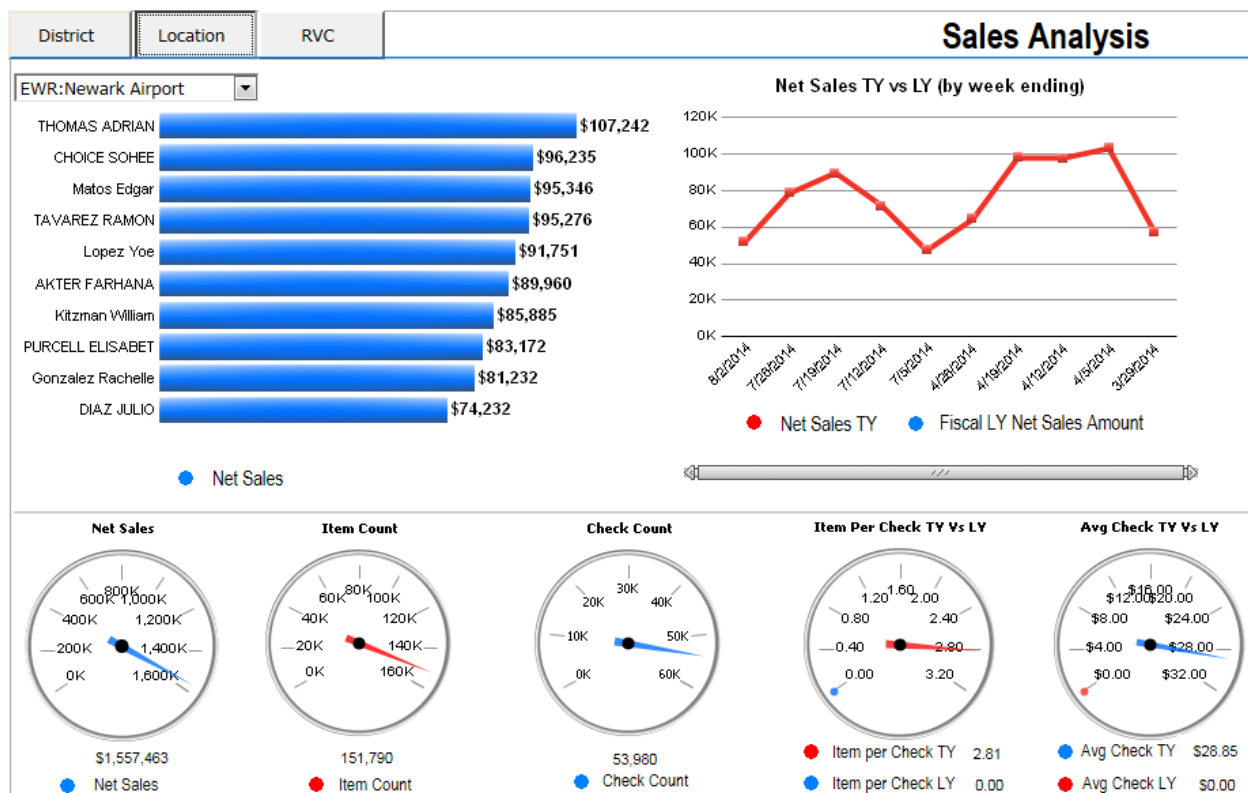
Void Activity Dashboard

This dashboard visualizes the primary risk indicators for LP areas in voids. It uses visualization, including an Exception Heat Map, to identify error corrections, cancels, and line voids as a percentage of transactions, and charts void trends over time.
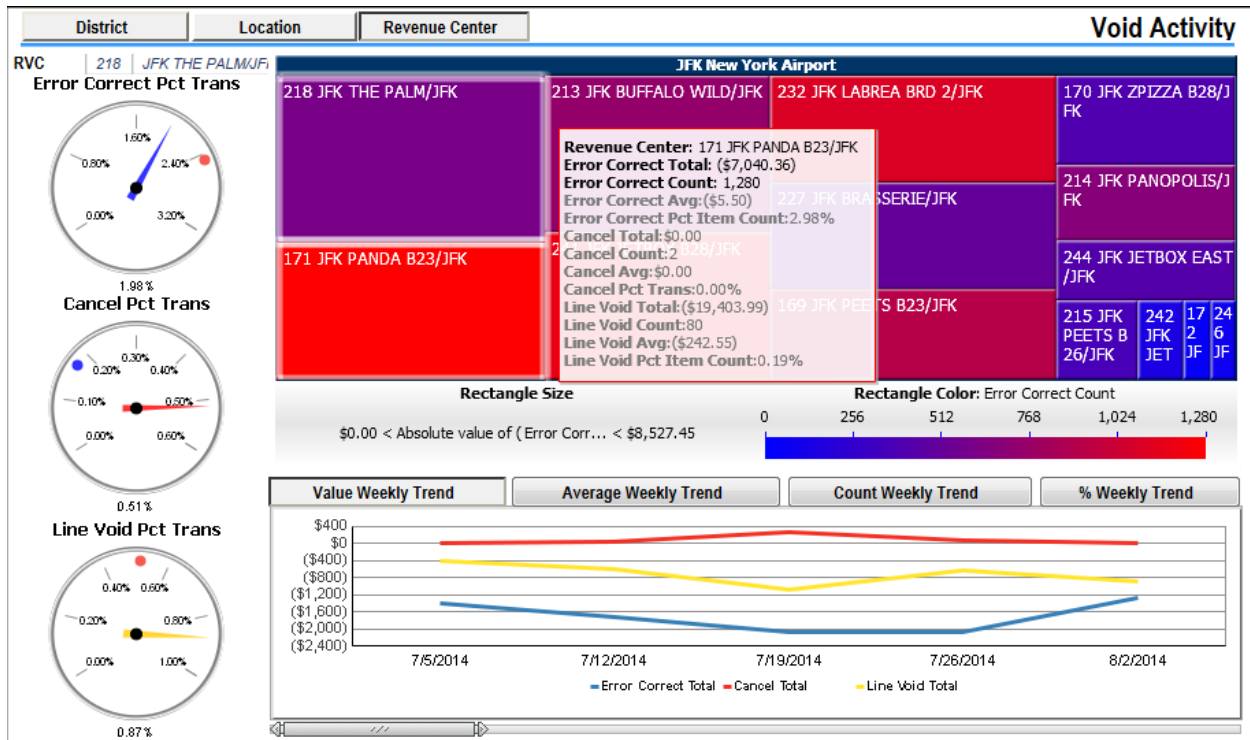
Discount Activity Dashboard

This dashboard visualizes the primary risk indicators for LP areas in Discounts. It uses visualization, including an Exception Heat Map, to identify employee discounts and discounts in two other categories as a percentage of transactions, and charts these as trends over time.
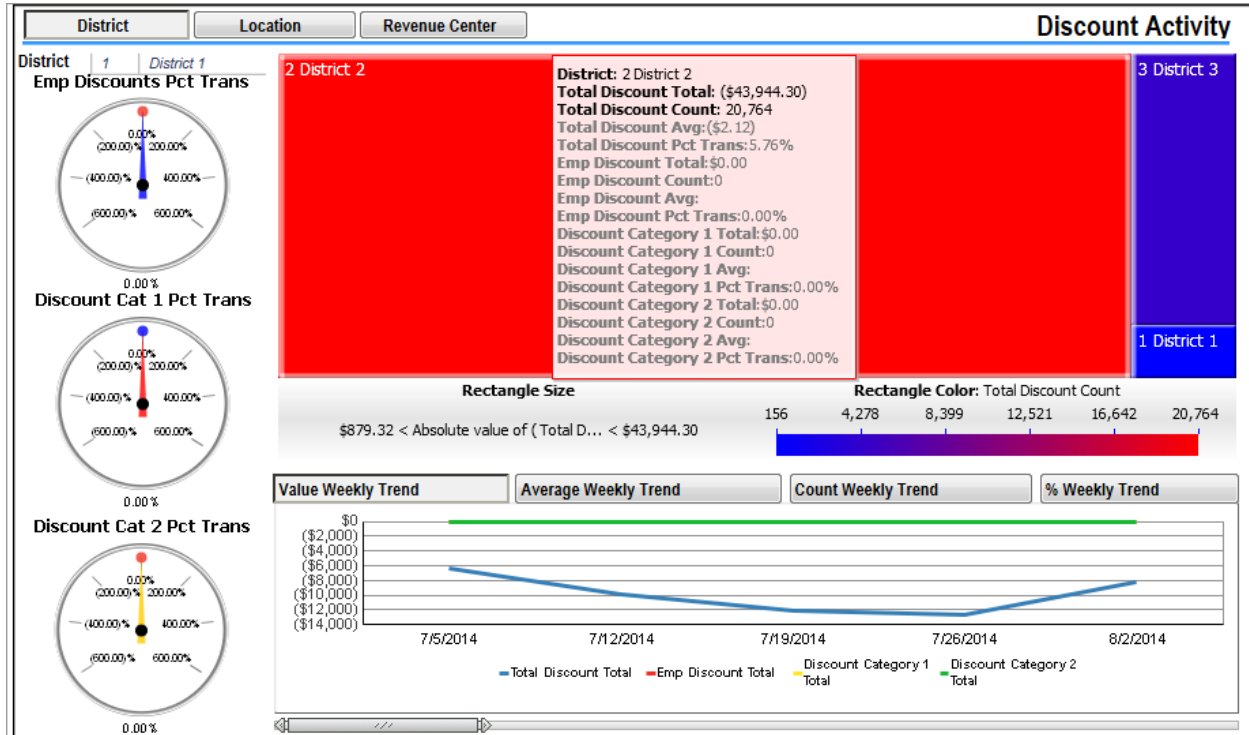
XBR Ingenium Mobile App

XBR[i] 10.8 introduces the XBR Ingenium mobile app for Food and Beverage customers. This app provides ease of use for LP team members working in the field and in remote locations. The app provides access to targeted dashboards and reports and the ability to look up data on locations and employees. The Survey feature allows you to view and rate location compliance parameters. You can then enter the responses in a survey form. All survey information will be available in the XBR[i] system for in-depth analysis.

XBR Ingenium Home Page
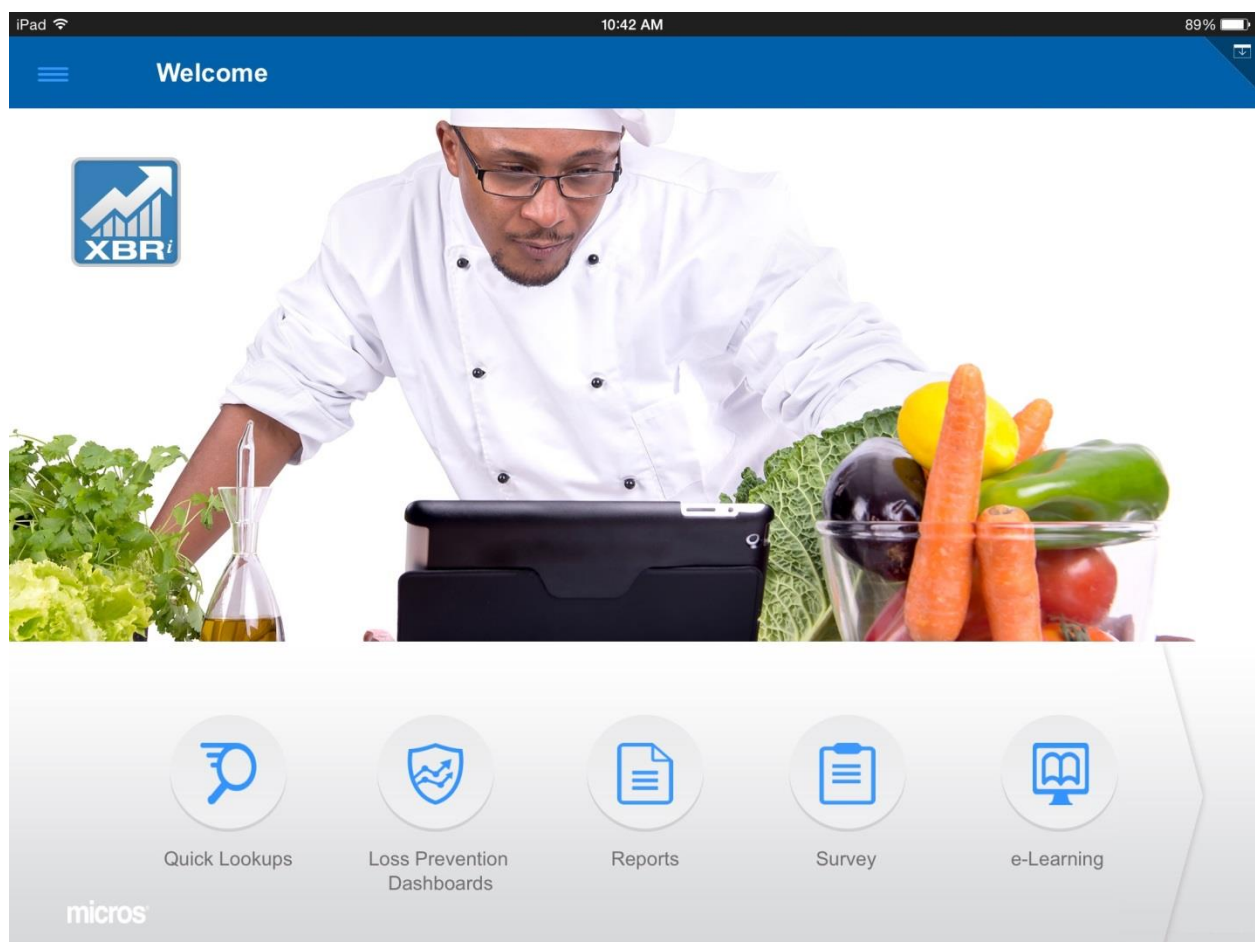
The home page offers access icons for lookups, dashboards, reports, surveys and e-learning. A tap on the ☰ icon in the top left corner reveals a menu with access to all of these features and their sub-menus. To access a feature, tap on the related icon or item from the home page or the menu.

Sidebar Menu

Tap on the ☰ icon in the top left corner to reveal a menu with access to all of the Quick Lookups, Loss Prevention Dashboards and Reports as well as the Survey feature and e-Learning. Tap on the item you want to display.

🔍 Quick Lookups ⌄

> Location
> Employee

🛡 Loss Prevention Dashboards ⌄

> KPI Review
> Sales Analysis
> Void Activity
> Discount Activity

📄 Reports ⌄

> Research Reporting

📋 Survey ⌄

> Location

📖 e-Learning >

👤 Micros Support Case >

Page Navigation

Tap the arrow icon [icon] in the top right corner of a page to reveal these navigation icons:

[home icon]   Tap to return to the Home page

[back arrow icon]   Tap to return to the previous page.

Annotating, Sharing and Printing

You can annotate a page, e-mail to an interested party or print it out using the tools made available when you tap the ellipsis at the top of a page:
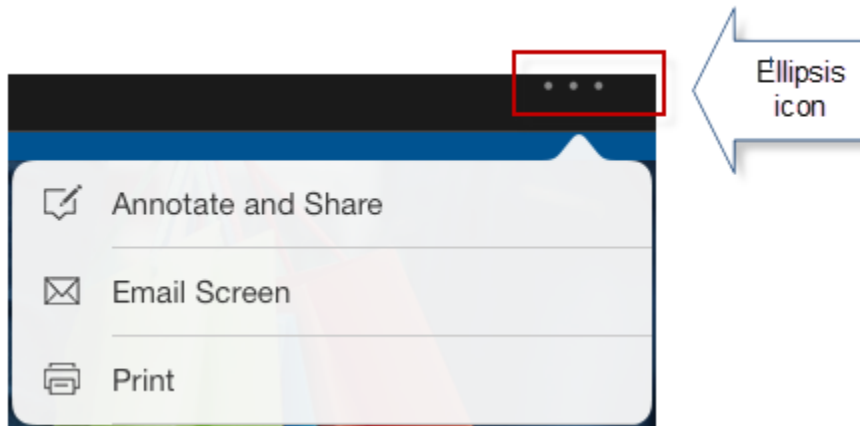
Annotate and Share

Tap this option if you want to highlight information on a page and make comments. The following example shows the KPI Review in which the app tools were used to outline and annotate the check error correction activity:
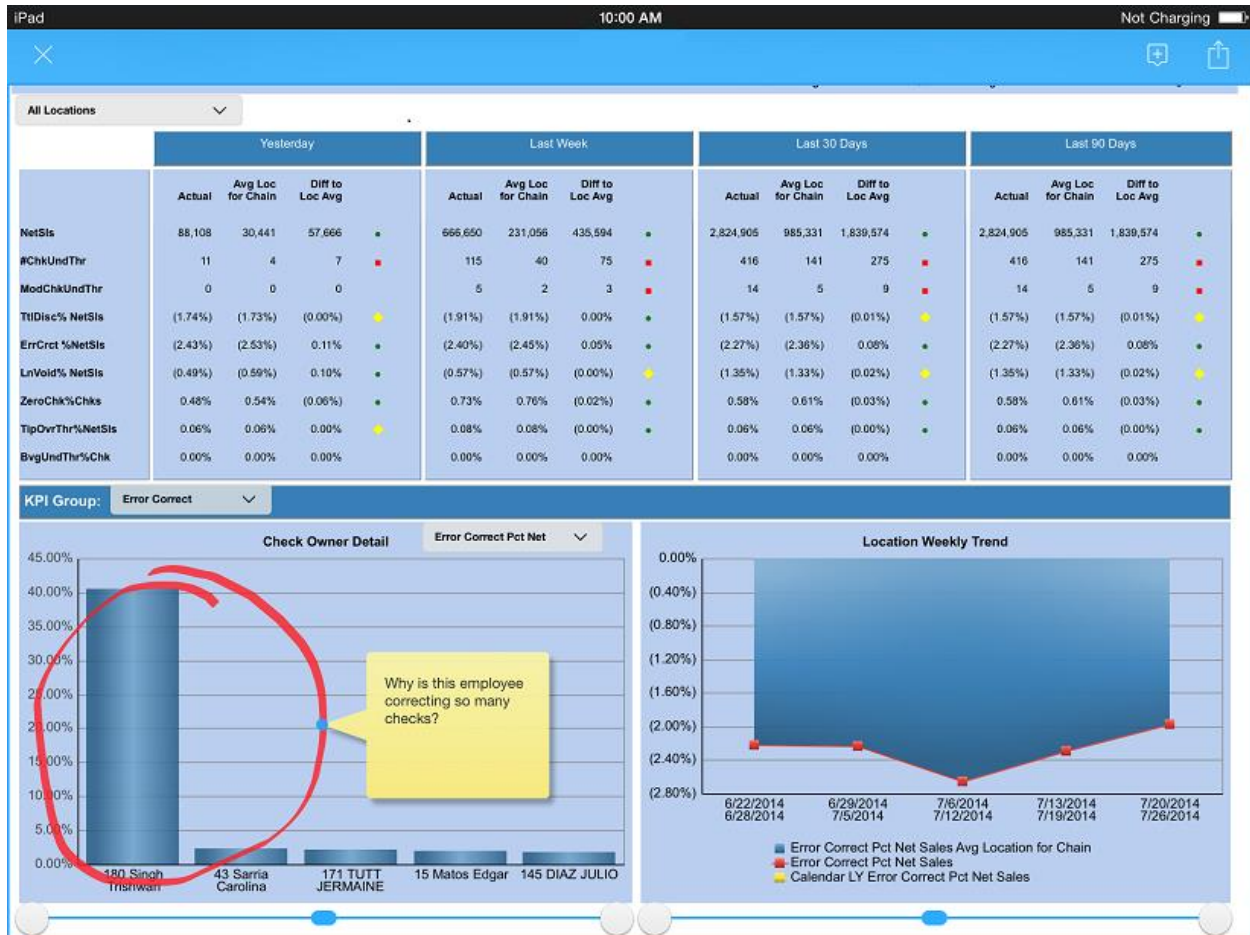
You can then email the page to interested party.

Email Screen
Tap this option to email a screen capture of the current screen.

Print
Tap this option to print the current screen.

Quick Lookups
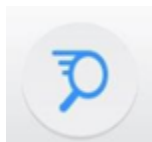
There are quick lookups available for Location and Employee. You can use these to get detailed information, such as a location's net sales figures, and employee's net sales, checks under threshold, and total discounts.

Location Lookup

The quick lookup for locations lets you view detail information on a location selected from a geo map. Locations are indicated with food service ![icon] icons. A region is indicated by a region ![icon] icon labeled with the number of locations in the region. You can switch the type of icon by tapping on the ![icon] icon in the top left corner. You can tap on a region icon to display a list of locations. You can tap a food service icon to view detail information about a particular location. You can swipe the detail report on a location to display the data in a chart. You can click the ellipsis button ![icon] at the bottom of the map to display a set of shape tools for selecting an area on the map.

![shape tools toolbar]

The following example shows a region selected with the circular shape tool. The detail report for the selected location has been swiped to the right to display the data in a bar chart:
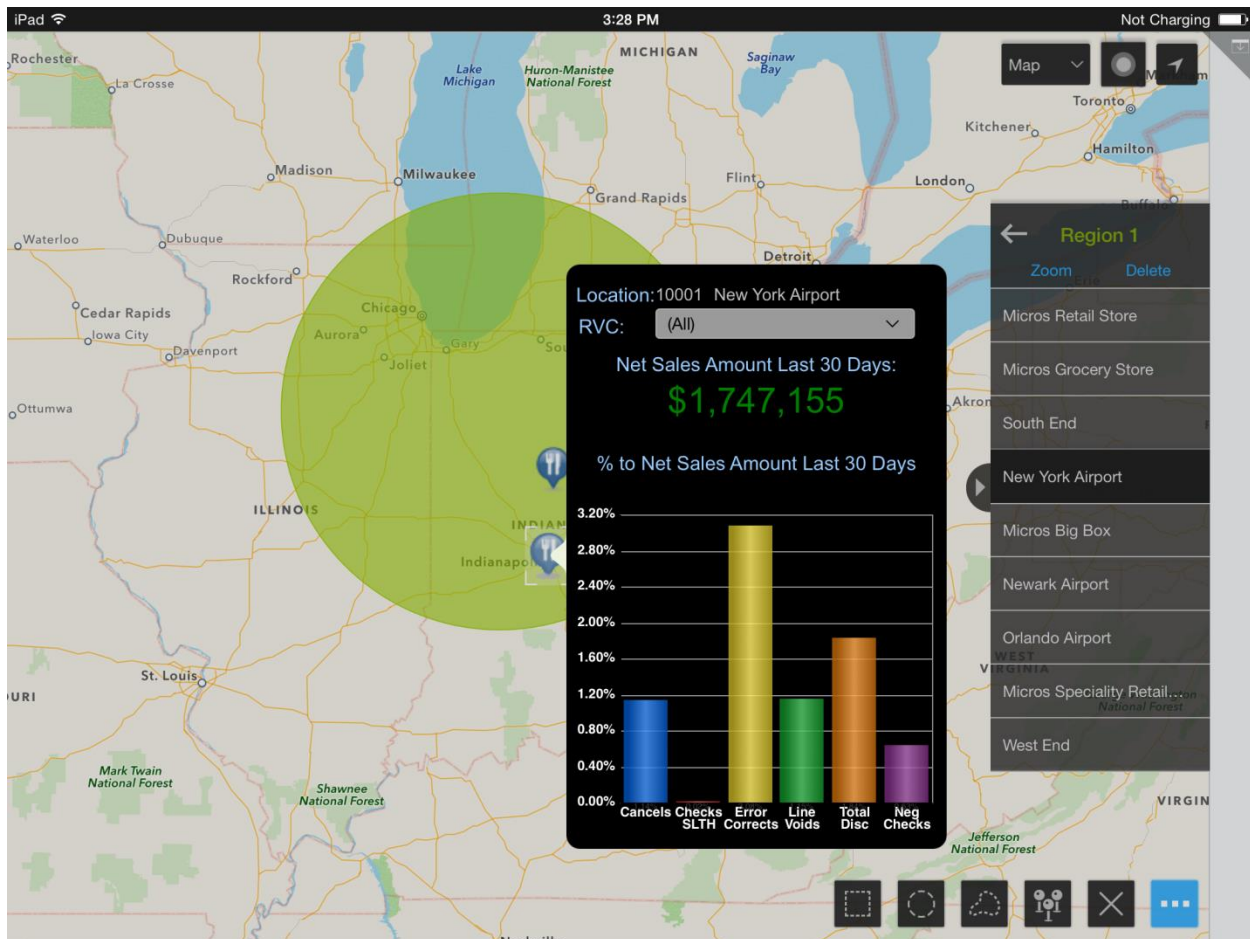
Employee Lookup

The quick lookup for employees lets you look up information about employees by location. The example below shows an employee in the Newark location. You can display the KPI Cashier Statistics by either Amount or Count using the radio buttons at the top of the lookup report. You can change the dates by using the drop-down list at the top of the report, or by swiping the charts from right to left or vice versa.
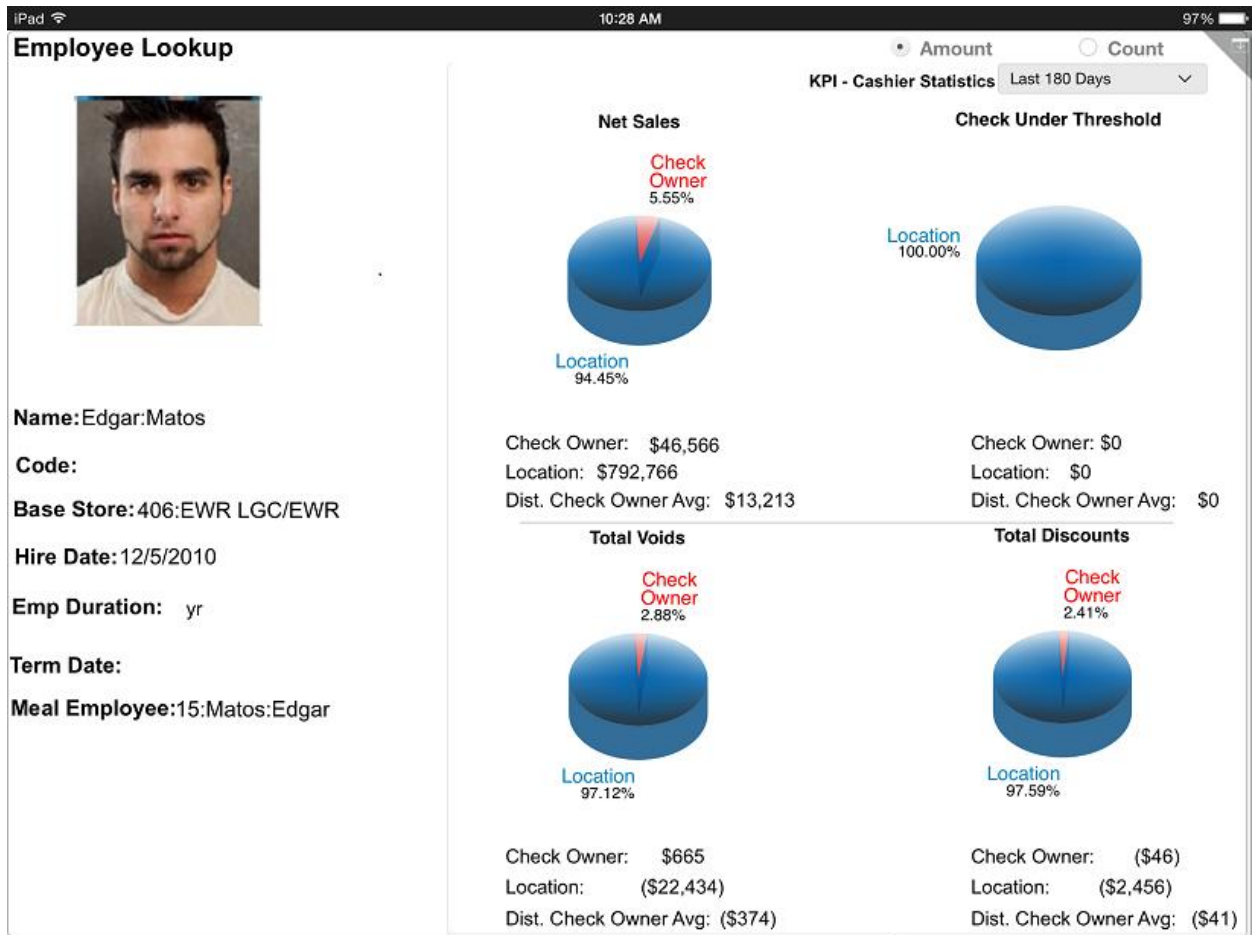
Loss Prevention Dashboards

The KPI Review dashboard is available, along with new dashboards for Sales Analysis, Void Activity, and Discount Activity. These new dashboards are also available in XBR[i] and are described in the New Dashboards section of this document.

KPI Review

The KPI review Dashboard in XBR Ingenium mobile has the added capability of drilling down from a graph. You can also use swipe gestures to navigate through KPI Groups and locations. The following example shows a KPI Review Dashboard. When you tap on an employee in a bar chart for Net Sales, you can tap the drill-down link to see the data in more detail.

Reports

A selection of reports are available, with intuitive visual prompting. Click the icons and follow the prompts to execute the reports.
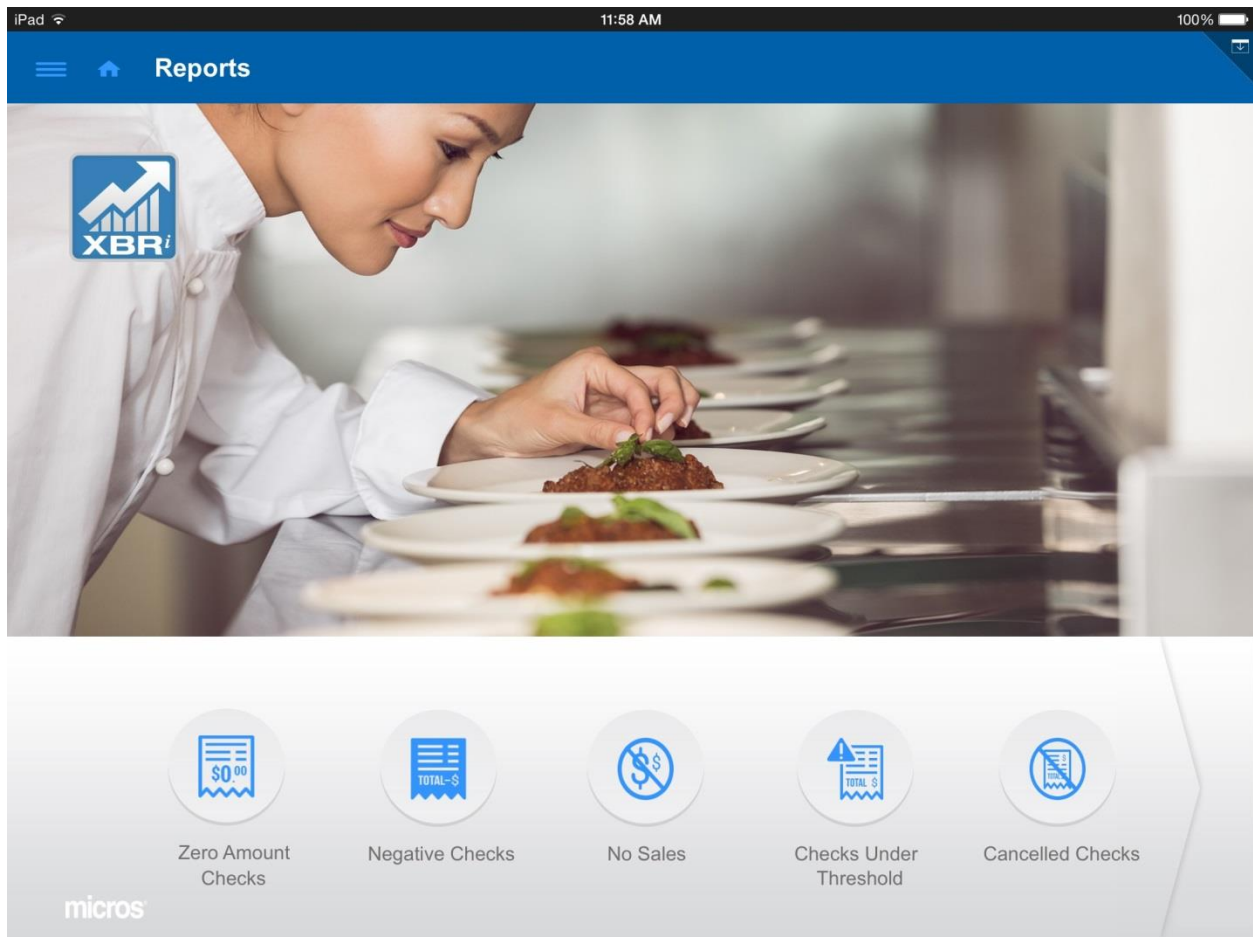
Survey

The Survey feature allows you to view and rate location compliance parameters. You can enter the results in a survey form. All survey information will be stored in a new database table and made available in the XBR^i system for in-depth analysis. An XBR^i administrator can modify survey questions in the Data Editor.

When you tap the Survey icon, a Location icon is presented. Tap the Location icon to display a geo map. Locations are indicated with food service icons. A region is indicated by a region icon labeled with the number of locations in the region. You can switch the type of icon by tapping on the icon in the top left corner

You can click the ellipsis button at the bottom of the map to display a set of shape tools for selecting an area on the map.

The following example shows a region selected with the circular shape tool.
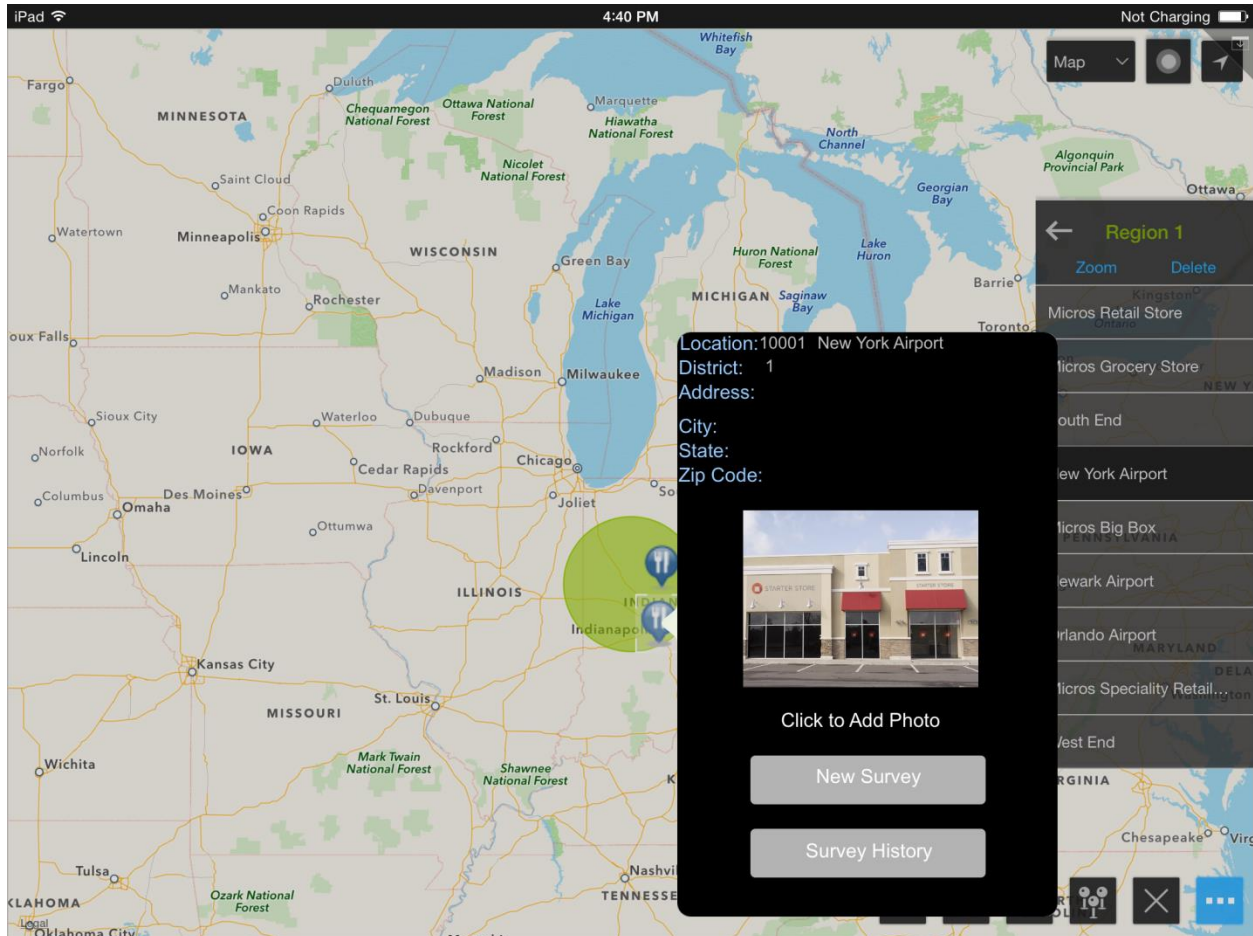
When you tap on a food service icon for a location, a brief detail report on the location pops up with the following options:

New Survey – Tap this option if you want to fill out a new survey on this location.

Survey History – Tap this option if you want to look up previous surveys on this location.

Example New Survey

In the following example, the selected option was New Survey. The survey form has been filled out.

You can drag the slider button next to a compliance parameter to give the location a rating. If you want to enter a comment, tap in the Comments field to display a keyboard, and type in your comment.

You can also add photos to a survey. If you add a photo, it is not sent back to the XBR^i server, but is stored on your mobile device.

When you are finished with the survey, tap **Submit.**

Survey History

When you tap the option for Survey, a list of previous surveys for the location is displayed. When you tap a survey on the list, a report is displayed that shows the survey details and summary information. If photos were included with the survey, they are loaded from your mobile device.

You can compare the results in a pervious survey to the results in the new survey to evaluate the progress of the location.

Visual Insight

Visual Insight allows power users to connect XBR^i to other data sources across their enterprise for LP focus and flexibility. Integrate with multi-source database tables or Excel, CSV, or text files. Visualize your data with the ability to build your own dashboards to be shared and used with others across your organization.

Import Data

Import Data
Import data from a local file, a relational database, or by joining multiple tables from different sources.

With Visual Insight functionality, you can import data from the XBR^i database or from your own database tables and join multiple tables in the way you want. You can also import data that you have copied to Excel, CSV or txt files.

Import a File

If you choose the **File** Import option, you can import the Excel. CSV or txt file from your computer or network or from a URL. Once imported to XBR^i, the data in the file can be mapped to project attributes and metrics and saved as a dataset to be used in creating documents and dashboards. You can save the data in either tabbed or cross-tabbed format, and modify it as needed.

Import a Database

Database
Import from relational data sources

If you choose the **Database** Import option, you can choose available tables from your own or XBR^i databases and join different tables as needed. The imported data can be mapped to project attributes and metrics. You can save the imported tables as datasets for creating documents and dashboards.

Create Documents and Dashboards

Create Document
Create an enterprise report, scorecard, or dashboard from scratch or from a template.

You can use Visual Insight to create your own custom documents and dashboards out of datasets that you have imported or out of available XBR^i reports. The variety of options offered make it possible to design documents and dashboards to fit just about any LP reporting requirement. You can use one of the many pre-formatted templates provided, or create a document or dashboard from a blank template.

These are the Dashboard and Document templates that are presented when you choose the Create Document command:

Dashboard Templates

01 Blank Dashboard	02 Title and Content	03 Two Contents	04 Title and Two Contents	05 Two Titles and Two Contents	06 Three Contents
07 One Content Left Two Contents Right	08 One Content Top Two Contents Bottom	09 Two Contents Left One Content Right	10 Two Contents Top One Content Bottom	11 Four Contents	12 Title and Four Contents
13 Four Titles and Four Contents					

Document Templates

Blank Document	iPad Landscape	iPad Portrait	iPhone Landscape	iPhone Landscape Micro-Application	iPhone Map Information Window
iPhone Portrait	iPhone Portrait Micro-Application	Navigation for iPad	Navigation for iPhone		

Example: A Visual Insight Dashboard

You can create a dashboard out of imported data or existing reports, documents or dashboards. **When you publish imported data and choose the Create Dashboard option, you are prompted to select a visualization for the data. If you select a report or document with prompts, you** complete the prompting for the report or document before selecting a visualization. The recommended visualization is indicated with a green thumbs up icon:
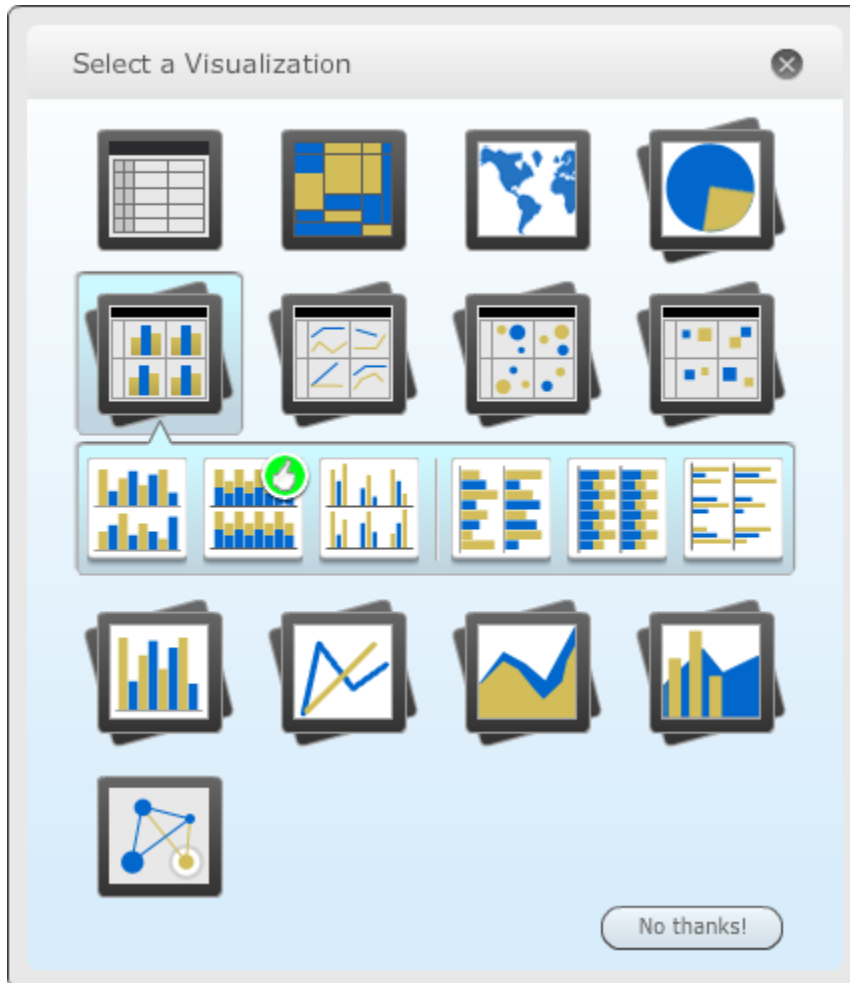
The Select a Visualization dialog shows the many different chart types available for visualizing data.

The example below shows a dashboard created using Visual Insight. It consists of three parts, an existing dashboard, a table visualization and a network visualization.
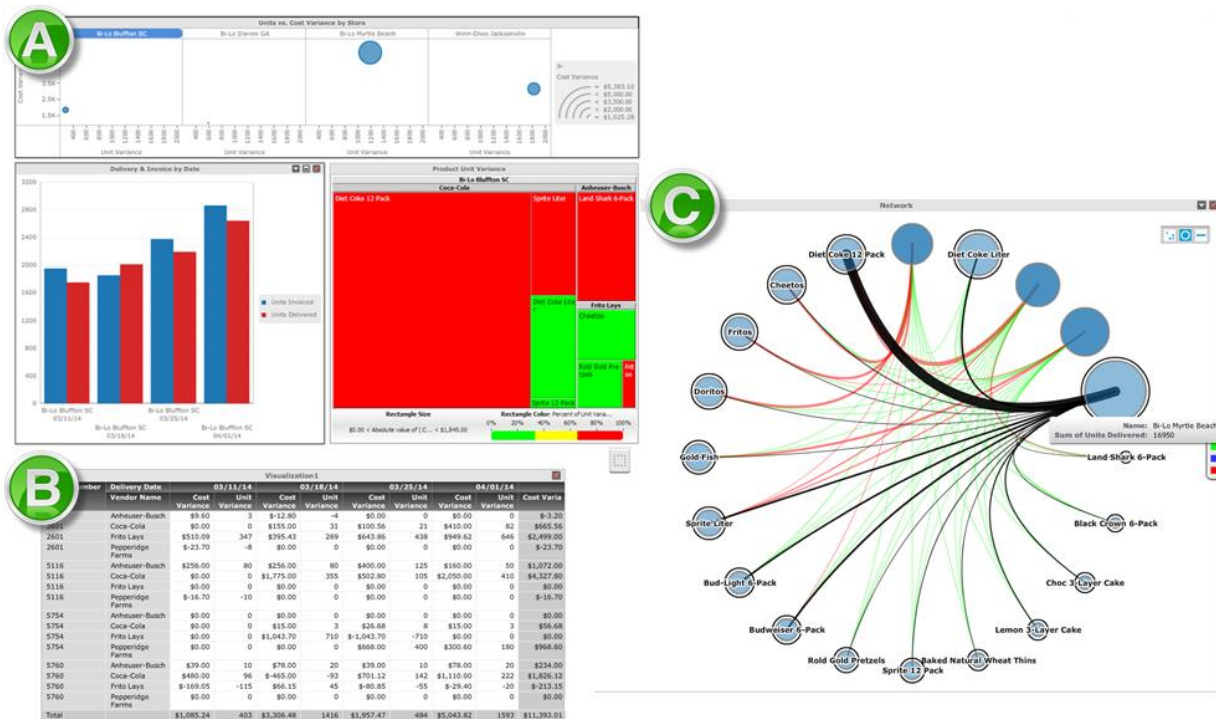
A. The Units vs. Cost Units by Store dashboard offers store-to-store comparisons of units invoiced and delivered by date, and provides the ability to drill down on product unit variance for a particular store.

B. This tabular visualization show the items in a store by delivery date with the cost variance and unit variance for each item.

C. This network visualization shows the weighted variance for each item in a store. At a glance, it is obvious that the variance for the Diet Coke 12 pack item should be investigated.

Dashboards are dynamic and interactive, allowing you to switch between visualizations for stores and other dynamic elements.

Master File Distribution

The Master File Distribution feature allows customers to send subscription reports to recipients who are not defined users in XBR[i]. This is done through Dynamic address lists that are derived from reports based on the core master tables for Store, District, and Region for Retail installations and District and Location for Food and Beverage installations. When you create a Dynamic address list, it becomes available on the Recipients list when creating email subscriptions for reports. MICROS provides Master File Distribution reports that can be used to create Dynamic address lists for the relevant core master tables. The customer can modify these reports by adding filtering, and then use them to create their own Dynamic address lists.

The example above shows the User Preferences > Dynamic address lists page with Dynamic Address Lists created from the Master File Distribution reports provided for a Retail installation.

Key Resolved Issues

Category	Reference #	Description
Internet Explorer 10	XBRI108-15	When running a summary report, if a filter with a store and one element was added, the Selector option became disabled. This problem has been corrected and now the Selector is not disabled after adding a filter with a single value in IE10.
Reports	XBRI108-25	When using the store hierarchy qualification prompt and expanding a field containing multiple pages of values, if you entered in the start index prompt a value greater than the available number of values, the field collapsed, and it was not possible to re-expand it without re-starting the report. This problem has been corrected so that if you enter a value that is too great in these circumstances, there is no response from the prompt and the user can return to the field and re-enter the start index prompt without having to re-start the report.
Data Editor	XBRI108-333	When multiple rows were updated in the Data Editor, in some cases an error message was displayed after the user clicked Save. This problem has been corrected and you can now update multiple rows without receiving an error message.
Features	XBRI108-452	The code for Smart Link pop-up functionality has been reconfigured to remove components that were no longer needed.
Features	XBRI108-444	The code for Data Editor functionality has been reconfigured to remove components that were no longer needed.

Key Known Issues

Category	Reference #	Description
XBR Ingenium mobile on Android and iPad	XBRI108-209	The e-Learning courses designed for the mobile app indicate in their course titles that they are Mobile Accessible. As more courses for the mobile app are developed, they will be added to the Learning Management System. Courses that are not labelled as Mobile accessible do not contain content relevant to the mobile app, and some may not be playable on a mobile device.
XBR Ingenium mobile on iPad	XBRI108-78	Under certain circumstances, clicking the Back button may cause the app to close.
XBR^i Master File Distribution	XBRI108-344	The subscription processing cannot handle more than 2000 users at one time. **Workaround:** If the master file list of recipient users exceeds or is close to 2000, the distribution reports must be filtered and run at different times.
XBR^i Reports, Smart Links	XBRI108-477	When the Smart Links feature is active in a user's profile and that user sets their User Preference for Grid Display, Maximum Rows in Grid value to greater than the default of 50, the user will experience slowed performance in rendering the report as well as in subsequent sorting and filtering. **Workaround**: It is recommended that users who desire extended row count defaults above 50 turn off the Smart Links feature. Subsequent releases will improve the performance with this combination of settings.
XBR Ingenium mobile on Android	Multiple Reference IDs	There are rendering issues that may affect the way the mobile app displays on Android tablet devices. Based on the customer's device and its resolution, additional custom work and testing should be planned accordingly. A subsequent release will be made available to address these issues. Contact the Analytics product manager for an open list.
XBR Ingenium mobile on iPad, Web	XBRI108-490	Users may receive a 'No results for this panel' message in the bar graph when they run the KPI Dashboard in the XBR^i web application or mobile app when there is data. **Workaround**: Move the time slider and the data will refresh. In the web, after it is refreshed, you can resave the dashboard and the panel should retain the data until the cube is refreshed again.

Supported Platforms

The XBR ^{i} version 10.8 release is supported on the following platforms:

Supported Platforms in 10.8

Category	Platform	Comments
DBMS	MS SQL Server 2008, 2012 Oracle 10g, 11g, 12c	
OS (Web Server, I-Server)	Windows Server 2008 R2, 2012	The Xconnect server for the ETL process does not currently support Windows Server 2012
OS (Client)	Windows 7	
OS (Mobile Client)	iOS7	
Apple Mac PC and Laptop	OS X	For video linking, Apple-compatible video software is required
WEB SERVER	Apache Tomcat 7 (64 bit)	
JVM	JDK 1.7	JRE 1.7 required for video linking
Browsers		Comments
Internet Explorer 8/9/10		Compatibility view is not supported
Safari (iPad)		Basic analyst functionality supported on iPad browser
Firefox		Version 30.0
Google Chrome		Version 37.0
Mobile Devices (XBR Ingenium mobile)		Comments
Apple iPad		iOS7
Android tablet		4.0.3 (1280X800 Resolution)

Database Updates

The tables below list new tables and fields that have been added to existing tables since 10.7.

New Fields in Existing Tables

Table Name	Field Name	Field Type
Retail Installations		
MST_STORE_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_REGION_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_DISTRICT_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_LPREGION_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_LPDISTRICT_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
ADM_LP_SURVEY_QUESTION_TAB	ORGID	NUMBER(10)
Food and Beverage Installations		
MST_STORE_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_LPREGION_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_LPDISTRICT_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)
MST_ORGLEVEL1_TAB	LINKED_USER_ID	VARCHAR2(32)
	DEVICE_ID	VARCHAR2(32)

Note: These fields are for URLs for which the customer will provide links.

The tables below have been added to XBRi since 10.7 to support the mobile Survey app for Food and Beverage installations.

New Tables

Table Name	Field Name	Field Type
ADM_LP_SURVEY_INSPECT_HDR_TAB	ORGID	NUMBER(10)
	INSPECTION_ID	NUMBER(4)
	STOREID	VARCHAR(20)
	CREATE_DATE	DATE
	USER_ID	VARCHAR(32)
ADM_LP_SURVEY_INSPECT_DTL_TAB	ORGID	NUMBER(10)
	INSPECTION_ID	NUMBER(4)
	QUESTION_ID	NUMBER(4)
	ANSWER_ID	NUMBER(4)
	QUESTION_COMMENT	NVARCHAR(256)
	PHOTO_FLAG	NUMBER(4)

Table Name	Field Name	Field Type
	PHOTO_LOCATION	NVARCHAR(256)
	PHOTO_CAPTION	NVARCHAR(256)
	POSSIBLE_POINTS	NUMBER(4)
	WEIGHT	NUMBER(4)
ADM_LP_SURVEY_QUESTION_TAB	ORGID	NUMBER(10)
	QUESTION_ID	NUMBER(4)
	QUESTION_DESC	NVARCHAR(256)
	ANSWER_ID	NUMBER(4)
	QUESTION_COMMENT	NVARCHAR(256)
	INSPECTION_ID	NUMBER(4)
	PHOTO_FLAG	NUMBER(4)
	PHOTO_LOCATION	NVARCHAR(256)
	PHOTO_CAPTION	NVARCHAR(256)
	POSSIBLE_POINTS	NUMBER(4)
	WEIGHT	NUMBER(4)
ADM_LP_SURVEY_ANSWER_TAB	ANSWER_ID	NUMBER(4)
	ANSWER_DESC	NVARCHAR(256)
ADM_LP_SURVEY_PHOTO_TAB	INSPECTION_ID	NUMBER(4)
	QUESTION_ID	NUMBER(4)
	PHOTO_FLAG	NUMBER(4)
	PHOTO_ID	NUMBER(18)
	PHOTO_LOCATION	NVARCHAR(256)
	PHOTO_CAPTION	NVARCHAR(256)

Documentation

In addition to these release notes, the following documentation for XBR[i] 10.8 GA will be available on or about the date indicated.

Document Title	Release Date	Description
XBR[i] 10.8 Installation Guide	9/2014	This guide takes you through the installation of XBR[i] 10.8 in the MICROS data center or at the customer site from database installation through post-installation troubleshooting, application configuration, and mobile configuration.
Adding the XBR Ingenium App for iPad and Android	9/2014	This instruction booklet shows customers how to download and configure the XBR Ingenium app on their mobile device.