

# IBM Software Demos

## IBM Workplace Dashboard Framework - Key Features

### IBM Workplace Dashboard Framework Demo

#### 1a <0:05>

IBM Workplace Dashboard Framework is a powerful and flexible tool for rapidly building role-based dashboards in a service-oriented application environment. In this demonstration, we will use a Manufacturing dashboard to highlight the key capabilities of Workplace Dashboard Framework.

#### 1b <0:25>

As the Plant Manager logs in, we see that this dashboard provides a comprehensive graphical view of the business-metrics, alerts, and key performance indicators that are relevant to users, based on their roles and personal preferences.

#### 1c <0:43>

The data that drives these interactive charts and tables is assembled from a number of different back-end sources. Workplace Dashboard Framework, combined with the rich integration capabilities of IBM WebSphere Portlet Factory, allows users to easily tap into applications such as SAP, Domino, relational databases, and any system accessible through a web services interface.

#### 1d <1:10>

This dashboard also provides a rich filtering capability. Workplace Dashboard Framework enables the creation of filters that allow users to determine the data to be displayed in their dashboard portlets, based on specific criteria. Dashboard filters allow users to see only the data they are authorized to access. Here, we see that the plant manager can view data for shops that reside in his plant only. In addition, data in Dashboard portlets is dynamically updated as selections are made.

#### 2a <1:45>

Another key feature of Workplace Dashboard Framework is the Alerting Module. There are three components to alerting – the alerting engine, a browser based administration console, and a configurable Alerts portlet.

#### 2b <2:00>

The Key Performance Indicators portlet exploits this alerting capability. In this portlet, the Status indicator is set based on a customizable threshold alert. The current variance value for Scrap is 10.5%, which is above the current threshold, causing the indicator to turn red.

#### 2c <2:20>

When the threshold is exceeded, this condition also triggers an alert – in real time – which can be seen in the “Manufacturing Alerts” portlet.

3a <2:30> The plant manager can easily customize his Alerts portlet and specify the alerts he wants to receive and the way he wants to be notified.

#### 3b <2:39>

## IBM Software Demos

### IBM Workplace Dashboard Framework - Key Features

On the **SUBSCRIPTIONS** tab, he can subscribe to alerts from a variety of categories, and select how he wants to receive them – through the alerts portlet, email, or even SMS message. Here, he subscribes to the “Gross Margin” and “Return on Equity” alerts.

3c <2:58>

Returning to the dashboard page, the 2 new alerts immediately appear in the Alerts portlet.

3d <3:04>

This Workplace Dashboard Framework alerting capability helps ensure that business users are proactively notified of important issues and events that affect their job. As a result, they can quickly act on problems or opportunities as they arise.

4a <3:21>

Continuing to take action in response to a high priority alert, the Plant Manager attempts to determine why “Shop 1” is not meeting expectations for output.

4b <3:32>

Here, in the “Current Production” portlet, he sees “Shop 1” highlighted in yellow, indicating that a problem exists. Looking further, he sees that the problem is specifically with “line 4”. Using built-in collaboration features, he can take immediate action by sending an email or starting a chat session with the shop supervisor responsible for this line.

5a <3:57>

Another major feature of Workplace Dashboard Framework is a repository of reusable software automation components that speed the creation of the most common dashboard design patterns. One such example is the gauge chart.

5b <4:17>

The “chart-to-table drill-down” design pattern as well as the ability to create both summary chart and summary table views are also included.

5c <4:27>

Additional components automate the creation of code for common features such as totaling of rows.

5d <4:34>

These reusable, service-oriented components within Workplace Dashboard Framework help dramatically speed the development of custom dashboards.

<<TRANSITION>>

6a <4:48>

Later, the Shop Supervisor logs in and uses her own personalized dashboard. Based on her role and personal preferences, she sees not only different portlets, but portlets that have adapted to suit her needs. Specifically, the Alerts portlet shows

## IBM Software Demos

### IBM Workplace Dashboard Framework - Key Features

only the alerts she has subscribed to, and the dashboard filter displays only the data relevant to her role. She also sees new portlets, such as "Plant Events", while others, like the Key Performance Indicators portlet, are no longer displayed.

**6b <5:22>**

The Shop Supervisor also has a new page called "Performance".

**6c <5:27>**

On this page, she can view graphs representing the performance of the various lines, in both chart and table formats. These graphs can be further customized to show additional information.

**6d <5:40>**

With Workplace Dashboard Framework, it is very simple to create portlet configuration screens that enable non-technical users to dynamically personalize and configure their dashboard portlets.

**6e <5:53>**

Here, the Supervisor can change the chart type and the data she views. On the "Table Properties" tab, she selects additional fields to display in the table.

**6f <6:07>**

Once the fields are added, they display dynamically in the newly customized portlet.

**6g <6:16>**

IBM Workplace Dashboard Framework enables companies to quickly deploy highly tailored business dashboards that consolidate data and processes from multiple sources. It also helps companies to reduce development costs and speed the time-to-value for their dashboard initiatives.

**END**