



What's New – AccessVia Publishing Platform Features and Improvements

v8.5.265 to v8.6.272

May 8, 2014

Overview

- New Batch Manager Functionality
- PPM Usability Improvements
- New and Improved Mobile In-Aisle Application
- Standalone Install of Print Control
- Web dSignShop Performance Improvements
- Digital Sign Performance and Output Quality Improvements
- Windows Output Features and Improvements
- PostScript Output Features and Improvements for Centralized Printing
- Improved Logging and Messaging in Event Viewer: Better Information, Less Redundancy
- Status and Workflow Improvements Across All Products
- Export Utility Improvements
- User Management and Authentication Improvements
- Enhanced Support for Store Groups (Skins and store group manager roles)

AccessVia Publishing Engine

Print Volume and Scalability Performance

- Print process performance improvements. Current benchmark for optimized PostScript output: Over 1.5 million signs in less than 2 hours.
- GDI PLUS improvements to scalability and quality.

Logging

Failures with UDO expressions and missing images now logged as “notices” rather than “warnings.”

Windows Output

Output improvements to rotating scaling layers and GDI+.

- Frames and layers support added to sign break.
- Improved GDI+ support for graphics in layers and rotated graphics.
- Tracking of print job metadata.

PostScript Features for Centralized Printing

New PostScript features:

- JPG graphics printing.
- Transparency support for text and simple graphics.
- Improved support for font kerning.

Printing without Page Definition

Print As 1-UP option to print a sign without page definition, ideal for digital and central print.

Digital Signs

- Performance, scalability, quality, and accuracy improvements.
- Digital output in BMP, JPG, GIF, and PNG formats.
- Size and resolution of digital output easier to control.

AccessVia Designer

UDOs and Expressions

New standard expressions:

- SignNum returns sign number and page position.
- CalcCheckDigit calculates check digits for UPCs.

Rounding on Unit Prices

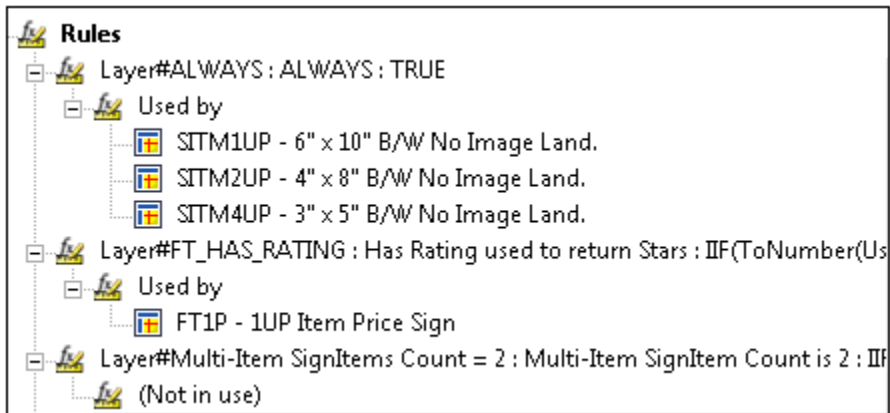
Unit Prices rounded with more accuracy.

Automatically Generated Thumbnails

150x150 pixel thumbnail images generated automatically for use in Web dSignShop.

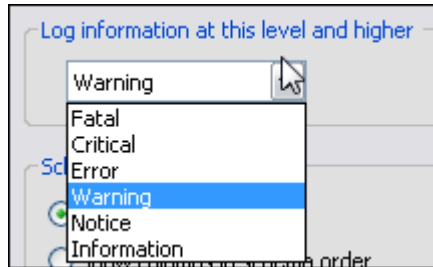
Frames and Layers

Better visibility to layers and rules in the Portfolio Explorer.

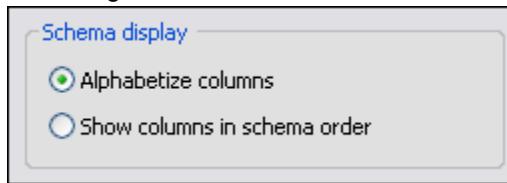


Toolbars and Preferences

- Font selection from a drop-down on the toolbar.
- Log level settings for the Event Logs.



- Warning when not running as an administrator (required for saving settings).
- On dialog boxes, database field values in alphabetical order or database schema order.

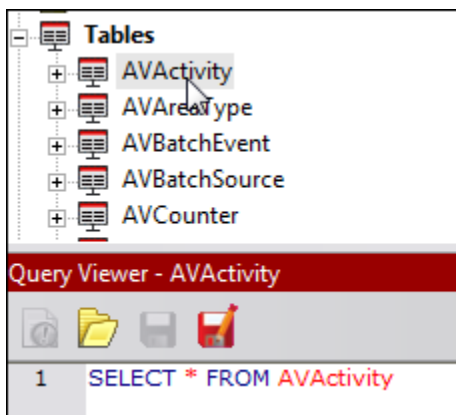


The Query Viewer and Working with SQL

- SQL syntax verification in the Query Viewer and improvements to the workflow for saving and linking the query.
- SQL files saved to the data path specified in the System Folders dialog box.

Drag and Drop Queries to Query Viewer

Drag tables and queries from Portfolio Explorer to the Query Viewer window to automatically link the template to that table or query.



Performance Tuning

Support for limiting the number of records returned from the data source; prevents inadvertently opening Designer against very large recordsets,

AccessVia Print Control

Installation and Deployment

Print control now a standalone installer; can be deployed and installed independently without installing other AccessVia software.

Web dSignShop

Batches Page

- 'View Batches' page re-architected to dramatically improve response times and increase performance.
- Page no longer based on a template; instead, based on a liquid layout HTML grid.
- Usability updates: fonts, text link style, column order, column width, grid height, and sorting.
- Longer values now displayed without truncation.

Item Library Page

- 'View Item Library' page re-architected to dramatically improve response times and increase performance.
- Page no longer based on a template; instead, based on a liquid layout HTML grid.
- Usability updates: fonts, text link style, column order, column width, grid height, and sorting.
- Column headers re-ordered and longer values displayed without truncation.

Editing Signs

Changes to signs now saved when clicking **Previous**, **Next**, **First**, **Last** buttons.



Copying Items and Batches

- Ability to copy items from one batch into another existing batch.
- Ability to copy batches that include multi-item signs.

Status History

- Status names displayed in tool tips.
- New icons better visually indicate status.
- Status history displayed on batch header.

Print Manifest

- Print manifest (list of signs in a batch) on the View Batch page. Format controlled by the **Manifest** template, editable in Designer.
- Button on or off using profile properties for users/roles.
- Alternate manifest templates using profile properties for various users/roles.

Image Uploader

- File uploader for importing files to the web server by using the UI.

Store Group Manger Role Permissions

- New default role for 'Store Group Manager' with permissions to any store in assigned store group.
- Ability to change stores without logging out and back in.
- Ability to access all stores in assigned store group. Previously, users had to be assigned to all stores in group.
- Logged-in user's name now displayed on toolbar.

Troubleshooting and Support

Quick Version Reference

Version information displayed:

- Major version, minor version, build number.
- Web Print Control version.
- Link to publishing server version.

```
Web dSignShop Version: 8.6.269.56
Web Print Control:      AccessVia.PrintControl_8_6.cab#version=8.6.269,1
Print Server URL:      http://<server>/accessviaprint/promos.poc
```

Clear Cached Configuration and Templates without IIS Reset

New and improved ability to clear configuration and template caches. Clear the template and configuration settings cached in memory without performing an IISRESET command (resetting all web services on the server).

Print Control Testing

Print control test page to help with troubleshooting:

- Automatically installs AccessVia ActiveX Print Control.
- Can be used to test if Print Control has been installed and configured successfully.
- Helps debug installation issues.

Publishing Platform Manager (PPM)

Usability Overhaul

- Layout and theme redesigned for improved usability and consistency.
- Menus reorganized and forms displayed with tabs for easier navigation.
- Checkboxes added; multi-select now available.
- Field choosers added to most grids to support tailored layouts.

Portfolio Configuration

- Columns and forms on Edit Form page have better usability and workflow.
- Ability to assign specific tray on Paper records.

Organization Configuration

- Validation added to Users, Stores, and Store Groups pages.
- Grids, toolbars, and overall layout redesigned for increased usability.

Upload and Manage Images

Ability to upload, view, and manage graphic files (thumbnails, product images, logos, etc.) on the publishing web server.

Administrative Tasks

- Script runner can be used to reset IIS on web servers.
- Event viewer logs and performance monitoring can be viewed from within the PPM user interface.

Batch Manager

Usability Overhaul

Significant improvements to Batch Manager feature set and usability.

- Ability to create new, delete, restore, and purge batches.
- Like Web dSignShop, forms for editing signs based on the template selected for the sign.
- Ability to preview and print signs for the purpose of proofing.
- Ability to update copies and templates for multiple signs at the same time.
- Ability to use dates along with times for batch effective and expire dates.
- Enhanced warning and confirmation messages when deleting, distributing batches and setting invalid configuration.

Spell Check

- Ability to spell check data in the Name field.
- Ability to add terms to a custom dictionary shared by all users in the store group.
- Ability to update default dictionary language.
- Ability to turn spell check on and off for the organization.

Store Group Filtering

Screens now filtered based on logged-in user's store group.

Status and Workflow Management

- New statuses indicate when batches are ready to be put on the shelves or to be taken down.
- Ability to remove and update statuses on selected batches.

Batch Distribution

Batch distribution redesigned for increased usability. Number of stores and batches distributed now displayed on the UI.

Import Signs from an Excel Spreadsheet

Ability to create a batch by importing data from a pre-formatted Excel spreadsheet. A sample spreadsheet shows fields necessary for import.

Item Library

Ability to access the Item Library and add, edit, delete items within it.

Central SignShop

Usability Overhaul

Central SignShop usability:

- New toolbars and select/deselect capabilities.
- Menus reorganized.

Publishing Automation for Central Print Facilities

- Ability to configure central print jobs from the user interface.
- Ability to generate print-ready PostScript output files and a JDF file, which shows store/template combination.
- Batch status updated in grid when printing complete.

User Authentication

Web dSignShop

Single-sign on from corporate portal now possible with custom integration.

Publishing Platform Manager (PPM)

- PPM, Batch Manager, and Central SignShop users moved from ASPNET_Membership table to the AccessVia Member table along with Web dSignShop users.
- Integration with existing corporate authentication now possible with custom integration.

Localization

Publishing Platform available in the following languages, in addition to English:

- French (fr-fr), German (de-de), Swedish (sv-se), Italian (it-it), Portuguese (pt-br), and Spanish (es-es).

Publishing Platform Installation

Installation options improved and web site directory contents consolidated.

Mobile In-Aisle Application Extension

New and improved Mobile In-Aisle extension:

- Runs on the latest devices (iPhone, Android, iPad, and others).
- Better performance, more secure, and standards-compliant.
- Improved workflow.
- In a framework ready for more features.

Export Utility

- Available as a standalone application.
- New checks for orphans and other data problems.
- Process continues running when errors encountered; exports what can be successfully exported.

Web Services

New "GetSign" web service can be used to:

- Retrieve sign/product metadata.
- Up-to-date, immediately rendered digital image of sign.

dSign for Unix/Linux

Updated Java SDK with updated sample code.

Sample Data

AccessVia sample data updated with more users, stores, role examples, apparel-specific items and template examples.

AccessVia Schema Changes from 267 to 272

- New fields added to support new features.
- Enhanced business intelligence capabilities (portfolio signs per page, store created and modified dates, status history).
- Stored procedures added to perform status updates.
- Updates to import stored procedures and tables.

Operating Systems

Windows XP SP3
Windows Server 2003 Standard SP2 (32-bit)
Windows 7 Professional (32-bit)
Windows 7 Professional (64-bit)
Windows Server 2008 Standard SP1 (32-bit)
Windows Server 2008 R2 Standard (64-bit)
Windows Server 2008 R2 Standard SP1 (64-bit)

Databases

SQL Server 2005
SQL Server 2008
Oracle Database 10g Enterprise 10.2.0.4.0 - 64bit
Oracle Database 11g Enterprise 11.2.0.1.0 - 64bit

Database Drivers

SQL Native Client v. 2005.90.3042.00
SQL Native Client v. 2005.90.4035.00
SQL Native Client v. 2009.100.1600.01
SQL Native Client v. 2007.100.1600.22
SQL Native Client v. 2007.100.2531.00

Oracle 10g driver v. 10.02.00.04
Oracle 11g driver v. 11.02.00.01