

DataPage+ 5.0

Joseph Batts – Product Owner – WebReporting (DataPage+) Revision Date: 8 September 2014



New Features & Enhancements



New Features and Enhancements

- New Chart Reports
- New Text Report
- New Profile Report (Graphical Analysis Control) for CAD
- Customized Excel Report
- DataImporter Service Option
- Import Directly to Part Category from PC-DMIS
- Support for LMS Licensing



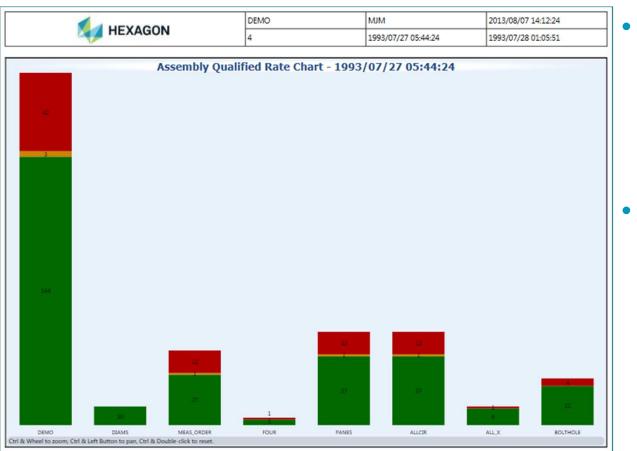
New Chart Reports

DataPage+ 5.0 introduces three new Chart reports

- Assembly Qualified Rate Chart
- Measurement Deviation Chart
- CII (Continuous Improvement Index) Variation Chart



Assembly Qualified Rate Chart

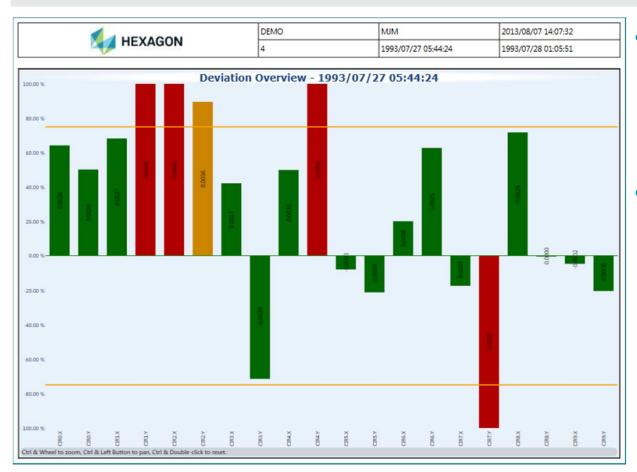


Similar to "Qualified Rate Chart", but able to break out by variable sets.

- Graphical display for all variables within 75% tolerance (green), between 75% and 100% tolerance (yellow), and out of tolerance (red).
- Cumulative tolerance values for all selected variable sets.
- Tolerance values for each selected variable set.



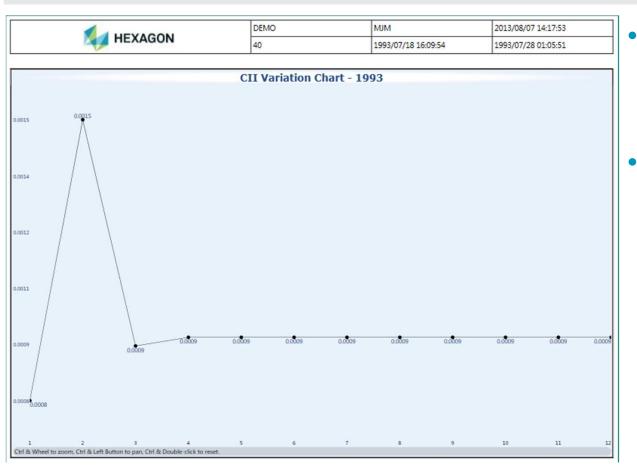
Measurement Deviation Chart



- Displays deviation trends with color coded tolerance indicators.
- Graphical display
 for all variables
 within 75%
 tolerance (green),
 between 75% and
 100% tolerance
 (yellow), and out
 of tolerance (red).
- The longer the bar, the greater the measurement deviation from nominal.



CII (Continuous Improvement Index) Variation Chart



- Displays deviation trend over a yearlong time period.
- Calculates Six Sigma of all dimensions with measured data, per month.

• Sigma value at 95% observed as CII value.



New Text Report

DataPage+ 5.0 introduces one new Text report

• NG Details Report



NG Details Report

					DEMO	MJM	2013/08/07 14:31:38
		HEX	AGU	N	10	1993/07/25 16:03:09	1993/07/28 01:05:51
ndex	Dimension	NG Count	Percent	TOP10			
1	L1670658.T	30	100%	TOP1			
2	L1670828.T	30	100%	TOP2			
3	L1670828.Z	30	100%	TOP3			
4	L1670908.Y	30	100%	TOP4			
5	L1671028.Y	30	100%	TOPS			
6	L947212W.T	30	100%	TOPS			
7	L947212W.Y	30	100%	TOP7			
8	L947215W.T	30	100%	TOP8			
9	L947215W.Y	30	100%	TOP9			
10	L947230W.Y	30	100%	TOP10			
11	L947275W.Z	30	100%				
12	L1670108.T	29	97%				
13	L167010B.X	29	97%				
14	L1671008.Y	29	97%				
15	L947245W.Y	29	97%				
16	L947280W.Z	29	97%				
17	L167064B.T	28	93%				
18	L1670908.Z	28	93%				
19	L947144AA.T	28	93%				
20	L947144AA.Y	28	93%				
21	L947275W.Y	28	93%				
22	L947095AA.X	27	90%				
23	L947277W.Y	27	90%				
24	L1670648.Y	26	87%				
25	L1670658.Y	25	87%				
26	L947139AA.T	26	87%				
27	L947280W.Y	26	87%				

 Displays ranking for each selected dimension, sorted based on highest percent out of tolerance.

 Highlights Top 10 (lowest tolerance percent).



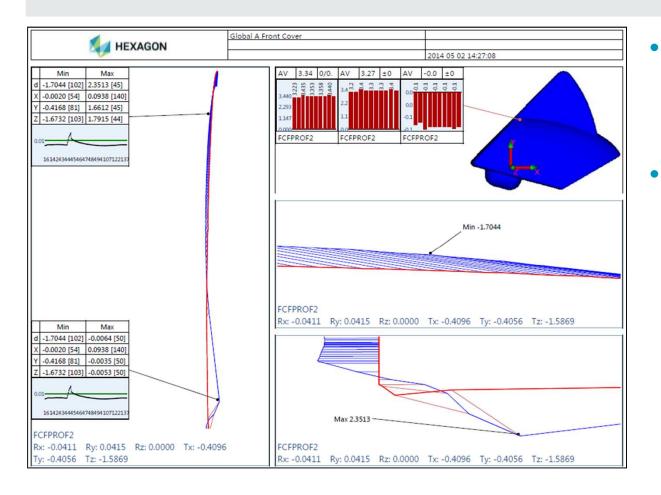
New Profile Report (Graphical Analysis Control)

DataPage+ 5.0 introduces one new Text report

NG Details Report



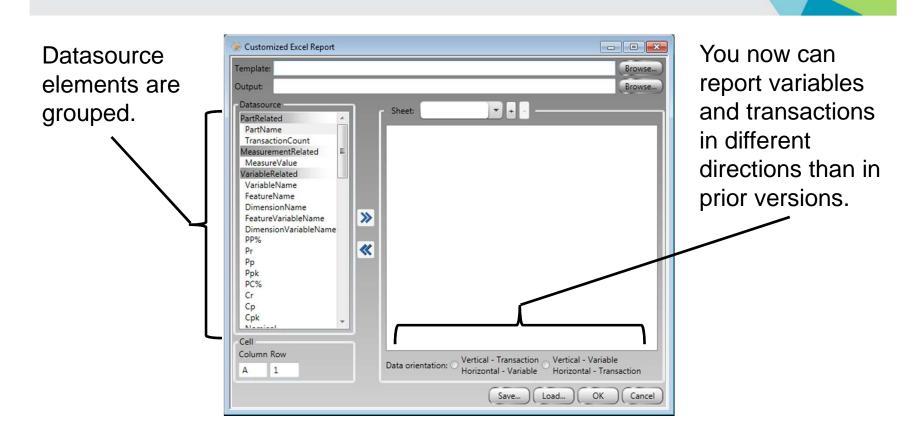
Graphical Analysis Control for Profile Reporting



- Provides flexible and customizable
 Best-Fit options.
- Built on WPF technology, so images are scalable, while maintaining high resolution.



Customized Excel Report



In prior versions, you could only report up to 30 measured values. Now, you can report all measured values.

More variables and trace fields available.



Data Importer – Service Option

Data Importer Settings		X
General Miscellaneous		
File Monitor Path to Monitor:		
ForStatsFiles		Browse
File Type to Monitor: DMP CSV (Comma Separated Values) DMO		
✓ XML RTF		
Mitutoyo Generic Excel Format Quindos		
Blade Files TmpFile		
Excel Tube Inspection Report		Customize)
Run mode Image: Windows Application Image: Windows Service Start Stop Restart		
Auto Check		
Check for files every	5	Minutes 💌
 Destination Database Always use the same database with Datal Specify a different Database US\SQLEXPRESS : DEMO 	Page+	Customize)
English	Check	ОК

The new "Windows Service" option configures DataImporter to run as a Windows Service.

When the machine is restarted, the DataImporter service restarts. This ensures you do not have to remember specifically to start DataImporter when your machine fails.

The "Windows Application" option still exists.



Import Directly to DataPage+ Part Category from PC-DMIS

lame:	Options:
CATEGORY	No display
alue:	Oisplay Value limit: 15
BRAKES	Value limit: 15

Allow your operators to view their parts automatically without having the DataPage+ Administrator move them to the operator category.

EXTERNALCOMMAND/NO_DISPLAY, WAIT ;		
TRACEFIELD/DISPLAY,LIMIT=15 ; CATEGORY : BRAKES	Y .	
ACCICN/PART_REVICION-CETTENT(102,0,"FILENEDR")		
ASSIGN/PART_OPERATION=GETTEXT(193,0,"FILEHEDR") ASSIGN/PART_TIMESTAMP=CONCAT(SYSTEMDATE("vvMMdd"))		SYST



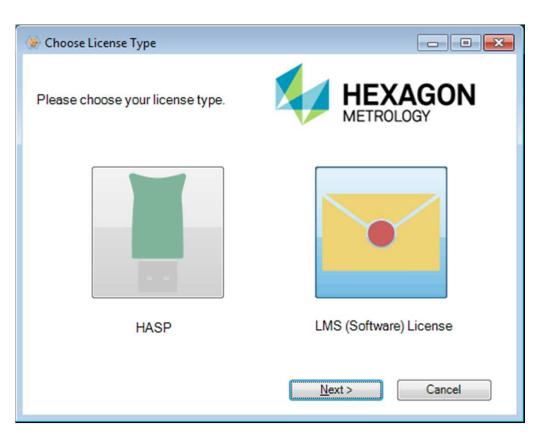
In your PC-DMIS part program, add the tracefield, "CATEGORY", then enter the category name as the value.

When the part program completes, the part data will be added to that part category in DataPage+ automatically.



Support for LMS Licensing

DataPage+ 5.0 supports LMS licensing as well as portlock licensing.







System Requirements



System Requirements

Hardware

- 1 GHz (or faster) 32-bit (x86) or 64-bit (x64) processor
- 1 GB RAM (32-bit) or 2 GB RAM (64-bit)
- 8 GB available disk space (32-bit) or 12 GB available disk space (64-bit)
- Optical DVD drive

Additional Requirement for DataView+ Module

• DirectX 9 graphics processor

Language Support

English	French	German
Hungarian	Italian	Japanese
Korean	Polish	Portuguese
Russian	Simplified Chinese	Spanish
Swedish	Traditional Chinese	Turkish

Compatibility

• Works with PC-DMIS version 3.7 (or higher); optimized for PC-DMIS 2013 MR1.





Installing DataPage+ 5.0



Installing DataPage+ 5.0

- Install DataPage+ 5.0 FULL (Including Prerequisite Components)
- Attach Database to SQL Server 2008 Express
- Start DataPage+ 5.0 and Connect to Database



Overview

The DataPage+ 5.0 FULL package includes the following components:

- Microsoft SQL Server 2008 R2 Express
- Microsoft .NET Framework 4 (x86 and x64)
- Microsoft Visual C++ 2010 Runtime Libraries (x86)
- Microsoft Visual C++ 2012 Runtime Libraries (x86)
- CLM Tools (x86)
- DataPage+ 5.0
- Microsoft SQL Server Management Studio 2008

Start the Installation

If you are installing from the downloaded "FULL" .zip package, extract the package contents to a folder on your machine's hard drive. Then, open that folder. If you are installing from a CD/DVD, open the root file folder. Right-click the "**setup.exe**" file, and then select "**Run as administrator**". DataPage+ 5.0 first searches for prerequisite components. If a component is not found, the installer attempts to install it.

ncel	
3	ancel



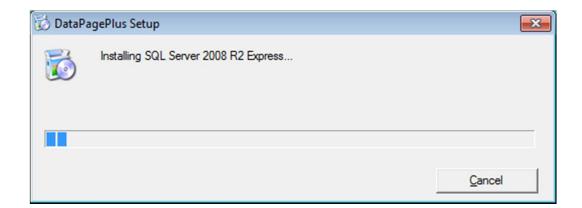
SQL Server 2008 R2 Express

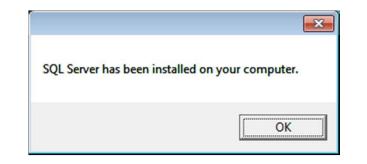
- During the DataPage+ 5.0 installation, it prompts the user if s/he wants to install SQL Server 2008 R2 Express. If the user clicks "Yes", it will attempt to install it during this step.
- An End User License Agreement (EULA) appears. Click **Accept** to accept the terms of the EULA.
- The installer continues to install SQL Server 2008 R2 Express. When complete, the EULA goes away, and the DataPage+ 5.0 installation continues to the next step.



👌 DataPagePlus Setup 🧮
For the following components:
SQL Server 2008 R2 Express
Please read the following license agreement. Press the page down key to see the rest of the agreement.
It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages.
View EULA for printing
Do you accept the terms of the pending License Agreement?
If you choose Don't Accept, install will close. To install you must accept this agreement.
<u>Accept</u> Don't Accept









🐼 DataPagePlus Setup	Σ
For the following components:	
Microsoft .NET Framework 4 (x86 and x64)	
Please read the following license agreement. Press the page down key to see the re of the agreement.	est
Microsoft, if you disclose such benchmark test results, Microsoft shall have the right to disclose the results of benchmark tests it conducts of your products that compete with the applicable .NET Component, provided it complies with the same conditions set forth at < <u>http://go.microsoft.com/fwlink/?LinkID=66406&clcid=</u>	*
<u>0x409></u> .	•
View EULA for printing	
Do you accept the terms of the pending License Agreement?	
If you choose Don't Accept, install will close. To install you must accept this agreement.	
Accept Don't Accept	

Microsoft .NET Framework 4 (x86 and x64)

- During the DataPage+ 5.0 installation, if it detects that .NET 4 is not installed, it will attempt to install it during this step. An End User License Agreement (EULA) appears. Click Accept to accept the terms of the EULA.
- The installer continues to install the .NET Framework component. When complete, the EULA goes away, and the DataPage+ 5.0 installation continues to the next step.

🔯 DataPa	agePlus Setup	×
6	Installing Microsoft .NET Framework 4 (x86 and x64)	
		Cancel



Microsoft Visual C++ 2010 Runtime Libraries (x86) Microsoft Visual C++ 2012 Runtime Libraries (x86) CLM Tools (x86)

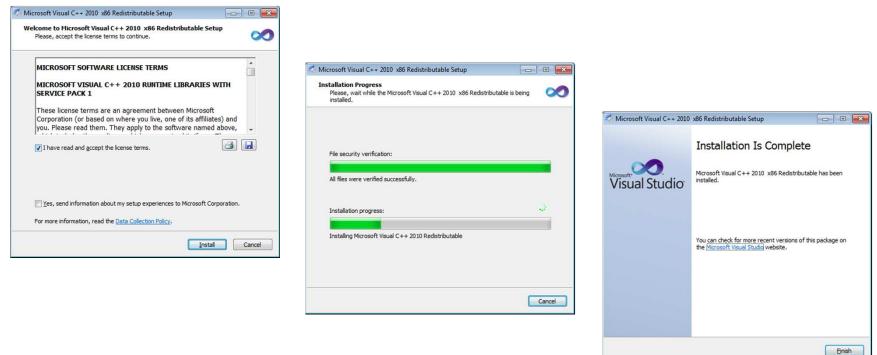
 During the DataPage+ 5.0 installation, if it detects that one or more of these components are not installed, it will attempt to install the missing component(s) during this step. An End User License Agreement (EULA) appears. Click Accept to accept the terms of the EULA.

🐻 DataPagePlus Setup	×
The following components will be installed on your machine:	
Visual C++ 2010 Runtime Libraries (x86) Visual C++ 2012 Runtime Libraries (x86) CLM Tools (x86)	
Do you wish to install these components?	
If you choose Cancel, setup will exit.	
[InstallCancel	



Microsoft Visual C++ 2010 Runtime Libraries (x86)

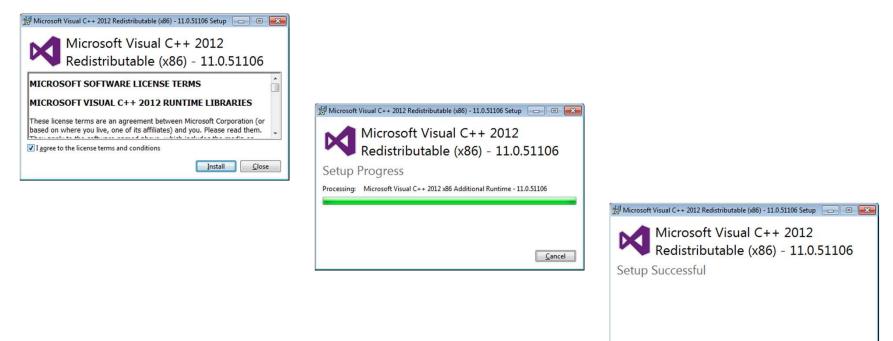
- During the DataPage+ 5.0 installation, if it detects that the Microsoft Visual C++ 2010 Runtime Libraries (x86) component (RTL) is not installed, it will attempt to install it during this step. An End User License Agreement (EULA) appears. Check the box and then click **Install** to accept the terms of the EULA and continue the installation.
- The installer continues to install the RTL component. When complete, click **Finish** at the Installation Is Complete window. The DataPage+ 5.0 installation continues to the next step.





Microsoft Visual C++ 2012 Runtime Libraries (x86)

- During the DataPage+ 5.0 installation, if it detects that the Microsoft Visual C++ 2012 Runtime Libraries (x86) component (RTL) is not installed, it will attempt to install it during this step. An End User License Agreement (EULA) appears. Check the box and then click **Install** to accept the terms of the EULA and continue the installation.
- The installer continues to install the RTL component. When complete, click **Close** at the Setup Successful window. The DataPage+ 5.0 installation continues to the next step.



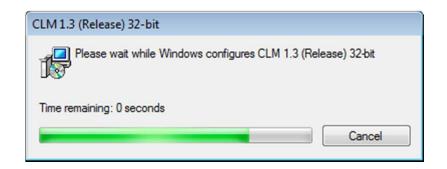


Close

CLM Tools (x86)

- During the DataPage+ 5.0 installation, if it detects that the CLM Tools (x86) component (CLM) is not installed, it will
 attempt to install it during this step. An End User License Agreement (EULA) appears. Check the box and then
 click Install to accept the terms of the EULA and continue the installation.
- The installer continues to install the CLM component. When complete, the installer goes away and the DataPage+ 5.0 installation continues to the next step.

Windows Installer	
Preparing to install	
	Cancel





DataPage+ 5.0

- During the DataPage+ 5.0 installation, if it detects that DataPage+ 5.0 is not installed, it will attempt to install it during this step.
- You will be prompted to install via HASP or LMS license. To use a HASP (portlock), click **HASP**. To use an LMS license, click **LMS**. Then, click **Next**.
- Refer to the PC-DMIS LMS support page and documentation for installing DataPage+ 5.0 using LMS licensing.
- You must first sign up and login to view the pages and documents.

http://support.hexagonmetrology.us

Choose License Type Please choose your license type. Image: Choose Choose your license type. Image: Choose Choose your license type. Image: Choose Your license Image: Choose Choose your license Image: Choose Your license Image: Choose Your license Image: Choose Your license

How to Install using NODE locked LMS licenses

http://support.hexagonmetrology.us/link/portal/16101/16131/Article/702/How-to-install-using-NODE-Locked-LMS-licenses

What is needed to install, activate, and use LMS floating licenses

http://support.hexagonmetrology.us/ics/support/kbAnswer.asp?questionID=666

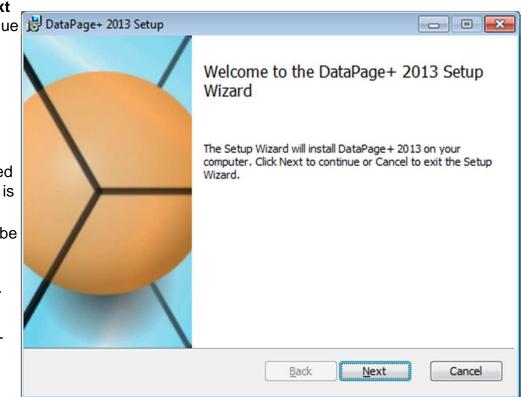
LMS network license server setup instructions

http://support.hexagonmetrology.us/ics/support/DLRedirect.asp?fileNum=728&deptID=16131



DataPage+ 5.0

- An End User License Agreement (EULA) appears. Check the box and then click Next to accept the terms of the EULA and continue the installation.
- Choose your setup type.
 - **Typical** Installs the most common program features. This is recommended for most users.
 - Custom Allows users to choose which program features will be installed and where they will be installed. This is recommended for advanced users.
 - Complete All program features will be installed in the default directory. This requires the most disk space.
- Click **Install** to install DataPage+ 5.0 under the selected setup type.
- The installer continues to install DataPage+
 5.0. When complete, click **Finish** at the
 Setup window.

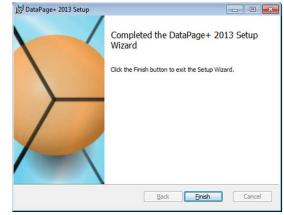




15 DataPage+ 2013 Setup)) DataPage+ 2013 Setup	- • •	DataPage+ 2013 Setup	
End-User License Agreement Please read the following license agreement carefully	Choose Setup Type Choose the setup type that best suits your needs		Ready to install DataPage+ 2013	$\langle > \rangle$
SOFTWARE LICENSE	Typical Installs the most common program features. Recommend	ed for most users.	Click Install to begin the installation. Click Back to review or cha installation settings. Click Cancel to exit the wizard.	ange any of your
PLEASE READ THE FOLLOWING TERMS AND CONDITIONS BEFORE INSTALLING AND/OR USING THIS WILCOX ASSOCIATES, INC. SOFTWARE PRODUCT. THE SOFTWARE LICENSE IS A LEGAL AGREEMENT, WITH IMPORTANT LEGAL CONSEQUENCES, BETWEEN YOU, THE LICENSEE (EITHER AN INDIVIDUAL OR A SINGLE ENTITY. AND THE LICENSOP WITCOX ASSOCIATES	Custom Allows users to choose which program features will be ins they will be installed. Recommended for advanced users. Complete All program features will be installed. Requires the most d			
Print Back Cancel Cancel	Back Ner	xt Cancel	Back	stall Cancel

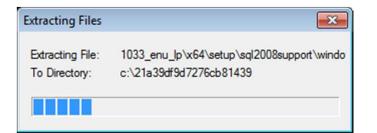
Select the way you want features to be installe	
	.u. 🔰
Click the icons in the tree below to change the	way features will be installed.
DataPage + 2013 DataPage + Page + ReportViewer	The complete package.
TemplateBuilder DataPageStats DataImporter ReportDelivery DataGauge + DataMonitor	This feature requires OKB on your hard drive. It has 8 of 8 subfeatures selected. The subfeatures require 709MB on your hard drive.
.ocation: C:\Program Files (x86)\WAI\	DataPage + 2013 Browse.

Installing DataPage+ 2013		
Please wait while the Setup Wizard i	nstalls DataPage + 2013.	
Status: Registering product		



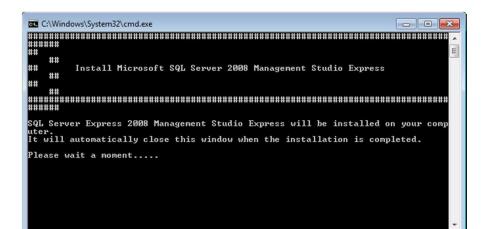


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Organize 🔻	📑 Open	Print	Nev	v folc	ler		833	• 🗆	1
Name	à A.		Date m	nodif	ied	Туре	Size		
CleanSQLS	ev <mark>erT</mark> emporaryf	ile . <mark>bat</mark>	Tue 08	/06/2	2013 5:	Windows Batch File		1 KB	
InstallSQLE	XPR.bat		Mon 0	9/30/	2013 1	Windows Batch File		2 KB	
InstallSSMS	5.bat		Tue 08	/06/2	013.5:	Windows Batch File		2 KB	
SQLEXPRW	T_x64_ENU.exe		Tue 08		Open				
SQLEXPRW	T_x86_ENU.exe		Tue 08		Edit				
SQLSeverCleaningUp.bat			Tue 08		Print				
			8	Run as a	dministrator				
			<u>&</u> e	\$ 3	Troubles 7-Zip Select Le				
					Cut Copy Create si Delete	hortcut			
	tallSSMS.bat	Date m	odified Size		Rename				



Microsoft SQL Server Management Studio 2008

 Open the SqlExpress2008 folder in the installation package. Right-click the file InstallSQLSSMS.bat and click Run as Administrator. This opens a Windows command window and executes the script. The script installs SQL Server Management Studio 2008 using defaults for all prompt values. This means that you do not have to manually answer prompts in the standard wizard interface. Go get a 2nd cup of coffee, and when you come back, SQL Server Management Studio is installed!





SQL Server 2008 R2

Please wait while SQL Server 2008 R2 Setup processes the current operation.

1 SQL Server 2008 R2 Setup			
Setup Support Files			
Click Install to install Setup S	upport files. To install or update SQL	Server 2008 R2, these files are required.	
Setup Support Files	The following components a	are required for SQL Server Setup:	
	Feature Name	Status	
	Setup Support Files		
	ExecuteCalculateScenarioWo	orkflow	
		< <u>B</u> ack Install	Cancel

🐮 SQL Server 2008 R2 Setup		X
Installation Progress		
Installation Progress		
	Setting feature install state.	
		Next > Cancel Help



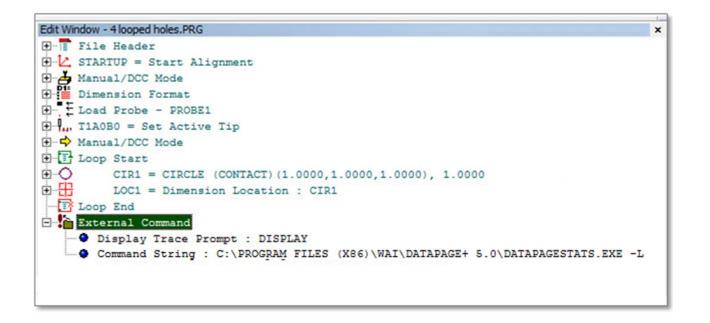




Using DataPageStats.exe

Working Modes:

ReceiveALL – This is the default working mode. An external command is inserted at the <u>END</u> of the PC-DMIS part program as shown below. Loops are considered separate transactions, turn loop ID's off.

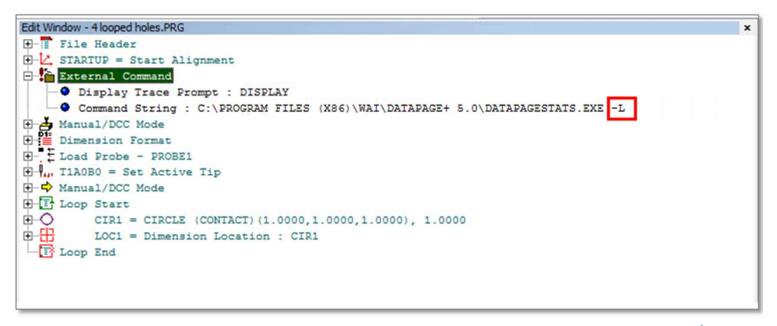




Using DataPageStats.exe

Working Modes:

Listening – This mode runs as a background application, listening to the PC-DMIS execution events. This mode is recommended for reducing cycle time because it creates the XML file while the program is running instead of all at once at the end. An External Command is inserted at the <u>START</u> of the PC-DMIS part program with a **- listening** parameter as shown below. Loops are considered separate transactions, turn loop ID's off.





Using DataPageStats.exe

Parameters:

No parameters

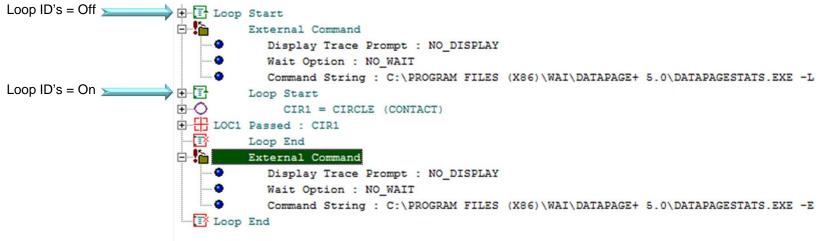
This starts DataPageStats in the default ReceiveAll mode, as described above.

-I or -listening

This starts DataPageStats in listening mode, as described above.

-e or -end

In conjunction with **listening** mode, this ends the previous DataPageStats instance. This parameter provides control when loops should not be considered as separate transactions. The example below produces 2 transactions with 4 location dimensions in each transaction.







Using DataPageStats.exe

Parameters:

-s or -settings

This displays the settings dialog box. The settings dialog box is also accessed from the Start menu by navigating to **Start | All Programs | DataPage+ 5.0 | Tools | Settings for DataPageStats.**

Settings for DataPageStats	×
Directory For Keep Stats Files	
ForStatsFiles	Browse
File Name PCDMISStats%DateTime%.XML	Edit
Options Receive all hit points	
Receive all profile information	
Minimize progress window on s	tart-up
English	OK Cancel

-r or -reset

This abandons the XML data being gathered and continues gathering data on the following command.



Using DataImporter.exe

The DataImporter.exe tool monitors a specified directory on a local computer or a network for these types of files: DMP, CSV, DMO, XML, RTF, Mitutoyo text, Generic Excel Format, Quindos, Blade (BSF), Temporary File (Tmp), Excel (XLS), or Romer Measurement Report (html).

Data Importer uses a defined interval to read the data from the monitored file(s) and import that data into the database defined in **Destination Database**.

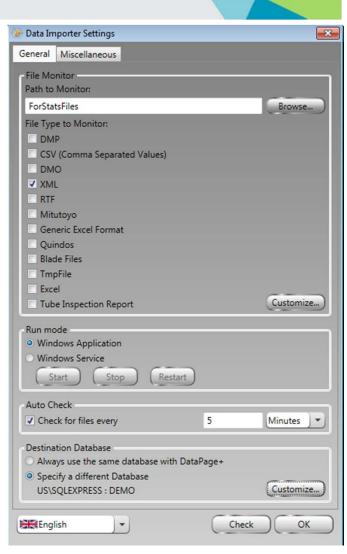
You can re-access the database at any time inside DataPage+ to get at the new data by using the **Refresh** icon.

This tool resides in the directory where you installed DataPage+. To use it, run DataImporter.exe, fill out the resulting dialog box, and then either click the **Check** button to check the monitored directory now, or click the **OK** button to automatically check the monitored directory using the time interval in the **Auto Check** area.

Once you run this program, an orange icon appears in your system tray:



To completely exit the **Data Importer** dialog box, right-click on the tool in the system tray and choose **Exit**.





Using DataImporter.exe

The dialog box contains two tabs:

- General
- Miscellaneous

The General tab contains following items:

- File Monitor: This area defines the directory to monitor for any of the selected file types.
 - You can specify the directory to monitor by using the **Browse...** button.
- You can monitor any of these supported statistics files: DMP, CSV, DMO, XML, RTF, Mitutoyo text, Generic Excel Format, Quindos, Blade (BSF), Tmp File, Excel and Tube Inspection Report.
 - The **Customize...** button lets you customize the import settings for these file types.

The tool will look in the **Path to Monitor** directory at the specified interval, and if it detects any new files, it will send the data in those files to the database defined in the **Destination Database** area.

nata Importer Settings		×
General Miscellaneous		
File Monitor Path to Monitor:		
ForStatsFiles		Browse
File Type to Monitor: DMP CSV (Comma Separated Values) DMO XML RTF Mitutoyo Generic Excel Format Quindos Blade Files TmpFile		
Excel Tube Inspection Report		Customize)
Run mode Windows Application Windows Service Start Stop Restart		
Auto Check		
Check for files every	5	Minutes -
Destination Database Always use the same database with Datab Specify a different Database US\SQLEXPRESS : DEMO	Page+	Customize)
English	Check	ОК



Using DataImporter.exe

Run mode: This area defines how the application runs, either as an application or as a service:

- **Windows Application**: This runs DataImporter as a Windows application by launching DataImporter.exe.
- Windows Service: This option runs DataImporter by creating a service called DataImporterService. In the Windows Services dialog box, the Startup Type is automatic and the Log On As is set to Local System. If you use this mode, in the Data Importer Settings dialog box, in the Auto Check area, the Check for files every______ minutes check box is marked and disabled and the Destination Database area, the Always use the same database with DataPage+ is also unavailable.
- Start: This starts the service.
- Stop: This halts the service.
- Restart: This restarts the service.

Auto Check: This area defines whether or not to automatically check the monitored directory using the defined time interval. Set the time interval as a value in the edit box and select the time component (seconds, minutes, hours) from the drop down list.





Using DataImporter.exe

Destination Database: This lets you choose the database to which the tool will send the data in the statistics file. It contains these options:

- Always use the same database with DataPage+ This will use the same database that DataPage+ is currently configured to use.
- Specify a Different Database The tool will use a different database specified by using the Customize... browse button. Clicking this button opens the Database Connection Properties dialog box.

Data Import	er Settings			×
General Mis	cellaneous			
- File Monitor				
Path to Mor				
ForStatsFile	±s			Browse
File Type to	Monitor:			
DMP				
CSV (Co	mma Separated V	/alues)		
DMO				
XML				
RTF				
Mitutoyo	5			
Generic	Excel Format			
Quindos				
🔲 Blade Fil	es			
TmpFile				
Excel				
Tube Ins	pection Report			Customize
Run mode				
	Application			
Windows				
Start	Stop	Restart		
Auto Check				
Check fo	r files every		5	Minutes 💌
Destination	Database			
	se the same data	base with Data	age+	
	different Databas		-	
US\SQLE	XPRESS : DEMO			Customize)
<u> </u>				
English	-		Check	OK



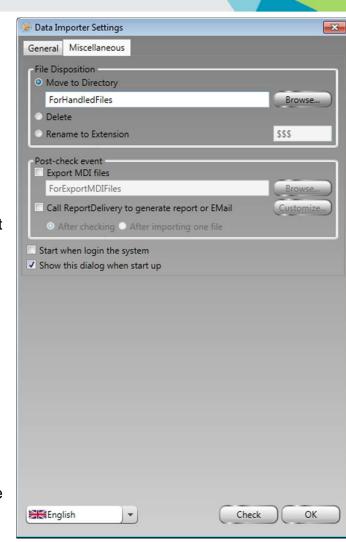
Using DataImporter.exe

File Disposition: When a statistics file is detected in the monitored directory, and after the data has been imported into the specified database, you can use this area to tell the tool what to do with the file. You must use one of these items so that the file is no longer monitored once it has been processed. The available options are:

- Move to directory This moves the statistics file out of the monitored directory and into the new directory.
- **Delete** This deletes the statistics file.
- Rename to Extension This renames the statistics file to a different extension.

Post-check event: This area lets you automatically send an export of MDI files (XML files) to a specified directory as well as generate and send a report and a notification email.

- Export MDI files If marked, DataPage+ exports XML files for the most recently handled statistics files.
 - Browse This changes the export directory for the exported MDI files.
- Call ReportDelivery to generate report or EMail If marked, DataPage+ generates a report and sends an email of the most recently handled statistics files, using the settings defined in this area's Customize button. This is used to inform someone that the incoming data contains out-of-tolerance measurements and generate a report of the incoming data.
 - **Customize** This button displays the **Report Delivery Configuration** dialog box.





Example overview of the dataflow:

- A PC-DMIS program is executed that contains the executable "DataPageStats.exe".
- This executable transfers a file containing the part name, time, actual data, tracefields etc., into the directory: \DirectoryForStatsFiles.
- The executable "DataImporter.exe" is running in the background and monitors the contents of this directory.
- When a new .XML file is dropped here from PC-DMIS, it is read and the data is transferred to DataPage+.
- This file is then disposed of as specified to insure it is not read again. This example shows the file extension being renamed.

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Datapage+ de-DE DirectoryForHandledFiles DirectoryForStatsFiles Docs en-US es-ES ForExportMDIFiles	 Name PCDMISStats11-18-2010 6-30-35 AM.XML.SSS PCDMISStats11-30-2010 8-21-48 AM.XML.SSS PCDMISStats11-30-2010 8-22-15 AM.XML.SSS PCDMISStats11-30-2010 8-23-42 AM.XML.SSS PCDMISStats11-30-2010 8-24-14 AM.XML 	Date modified 11/18/2010 6:30 AM 11/30/2010 8:21 AM 11/30/2010 8:22 AM 11/30/2010 8:23 AM 11/30/2010 8:24 AM	Type SSS File SSS File SSS File XML Docume

Not yet transferred to Datapage+







Change application permissions

- The DataPage+ 5.0 installation puts an icon on your desktop. Right-click the icon and click **Properties**. Click the **Compatibility** tab, then click the **Change settings for all** users button. Click the checkbox to **Run this program as** an administrator. Click **OK**, then **OK** again.
- This sets the DataPage+ 5.0 application to always run as an administrator.

If you have problems with this program and it worked correct on an earlier version of Windows, select the compatibility mode that matches that earlier version. Compatibility mode Run this program in compatibility mode for: Windows XP (Service Pack 3)
Run this program in compatibility mode for:
Run this program in compatibility mode for:
Windows XP (Service Pack 3)
Settings
Run in 256 colors
Run in 640 x 480 screen resolution
Disable visual themes
Disable desktop composition
Disable display scaling on high DPI settings
Privilege Level
Run this program as an administrator





Launch DataPage+ and login

- Launch DataPage+ from the desktop icon. You will see a login screen. Enter **Administrator** in the User Name box, and enter **123456** in the Password box.
- After logging in the first time, you can create new user accounts. Click **Tools**, then click **Account**.

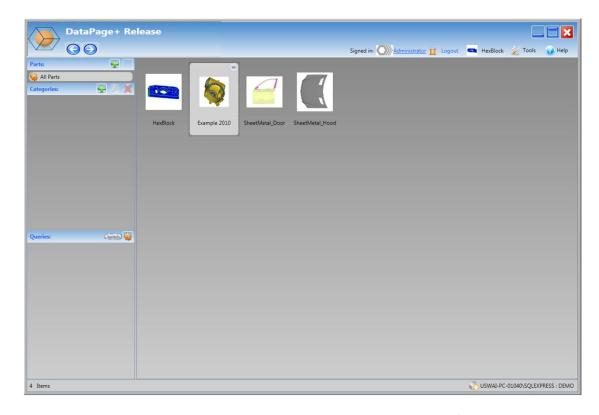
Account Management			
Users:	6		
All Users		🍉 Register User	
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			Password: (*) Strength: Weak Strong
			Confirm password: (*)
			User must change password at next login
			User must change password in 3 Month
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			Middle name:
			Last name:
			Email:
			@
			Photo:
			Browse
			OK Cancel



Filter and Select Parts

• Once logged in, you access the Parts (Home) screen. From All Parts, you see all the parts in your database. You can filter the displayed parts by adding a query. Pull up a part and its transactions by double-clicking it.

Query name:		nk multiple clauses v And O Or	vith:		
Operator:		Trace value 1:	Trace value 2:		
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Select Features/Dimensions and Transactions

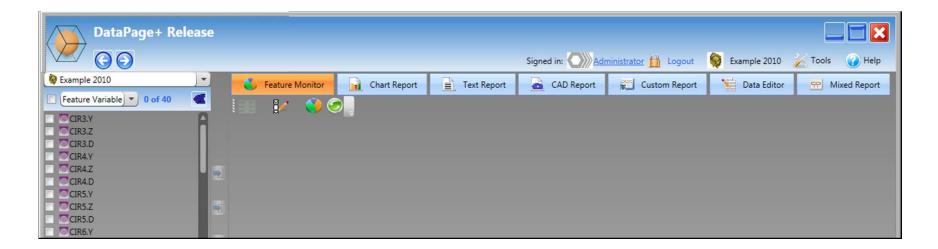
- Once you select a part, its Features, Dimensions, and Transactions load into DataPage+ 5.0. Depending on the available Features and Dimensions, you can select the type from the drop-down list. Also, you can select specific transactions, all transactions, or create a filter to select transactions that meet specific criteria.
- Once you have identified your desired Features/Dimensions and Transactions, click the **Apply to** or the **Apply to** All button to apply your selections to the active tab or to all tabs.

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) 📀 Signed in: 🕥 Adr	<u>ministrator</u> 🍎 Logout	Example 2010	🎽 Tools 🛛 🕢 Help
Example 2010	😴 Feature Monitor 📊 Chart Report 📄 Text Report 🗟 CAD Report	Custom Report	1 Data Editor	Mixed Report
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CIR3.D				
CIR4.Y				
CIR4.D				
CIR5.Y	Apply to			
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CIR6.Z	Select			
CIR6.D	Unselect			
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Tab Definitions

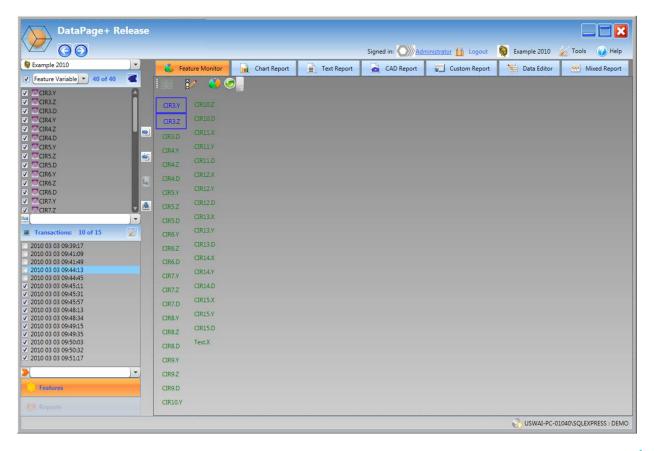
- Once you have applied transactions to one or more tabs, you can begin analyzing transaction data in the tabs.
 - Feature Monitor Overview page that displays key statistics and Pie Chart and Monitor Mode.
 - Chart Report Statistical Chart Reports, like Histogram, Run Chart and Bar Whisker (and others).
 - Text Report Text reports.
 - **CAD Report** DataView-like reports, including 3D-rotational CAD image (you provide) and report labels.
 - **Custom Report** Custom report canvas, allowing you to combine all three report types in one.
 - **Data Editor** Spreadsheet-like editor to modify features, tolerances, trace fields, and cause codes.
 - **Mixed Report** Custom report canvas, allowing you to put together a final presentation and execute saved reports.





Feature Monitor

• Monitor View includes color-coded Feature IDs.





Feature Monitor

• Detail View includes details and mini-charts for key characteristics.

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Feature Monitor

• Chart View includes Run Charts for all selected Features/Dimensions and Transactions.

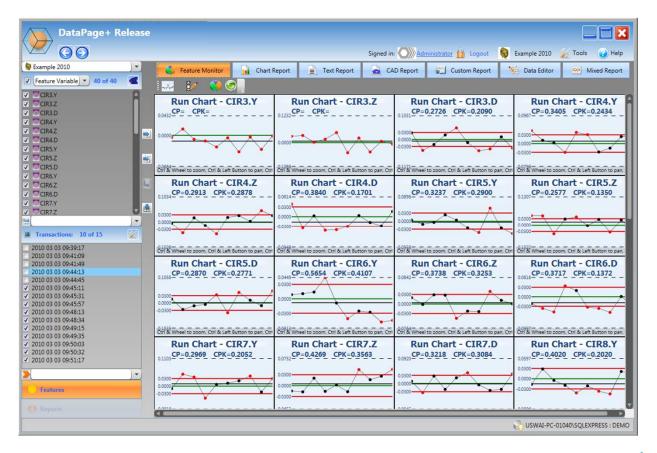




Chart Report

• The Chart Report View shows SPC reports for all selected Features/Dimensions and Transactions. You can select from over 20 included reports from the report selection menu.

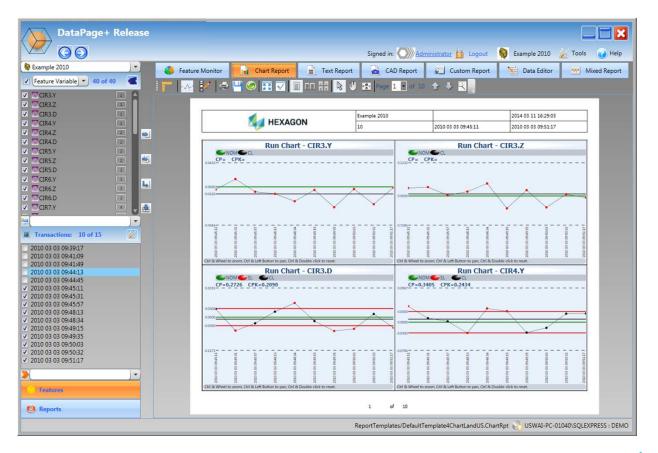
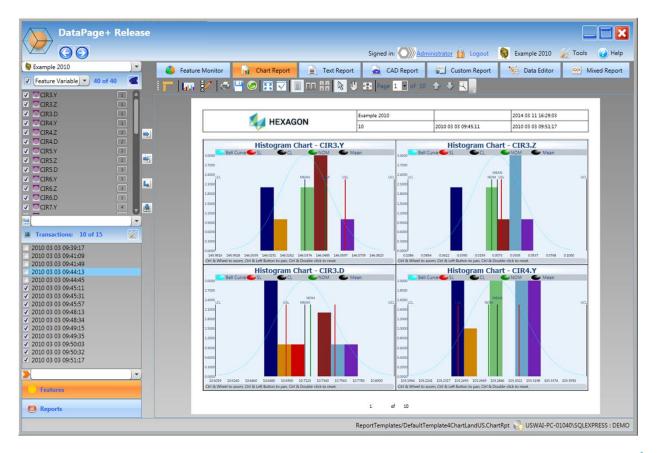




Chart Report

• The Chart Report View shows SPC reports for all selected Features/Dimensions and Transactions. You can select from over 20 included reports from the report selection menu.





Text Report

• The Text Report View allows you to analyze the nominal and measured data in a tabular (grid) format. You can select from over 15 included reports from the report selection menu, including some industry-specific reports.

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CIR6.D				00 00 00 55 17 546 5486 Normanel 346 0500 USL 346 0625	-0.0861 104817 201.00 0.0000 30.7290 201.276 0.0023 20.7490 201.08	2 -111,2695 10,7290 0.0000 -	146.0501 20.7686 -300.0717 146.0500 20.7290 -300.2764 146.0500 20.7490 -300.2464	-101.0590 30.0964 -146.0396 -101.0595 30.7390 -146.0900 -101.0295 30.7490 -146.000		
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Text Report

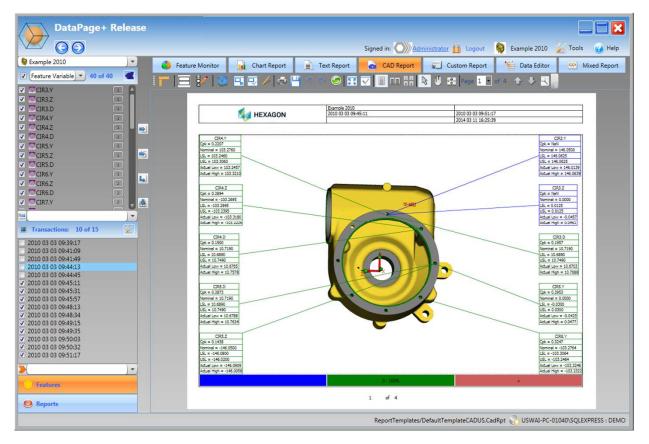
• The Text Report View allows you to analyze the nominal and measured data in a tabular (grid) format. You can select from over 15 included reports from the report selection menu, including some industry-specific reports.

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00			Signed in:	Administrator <u> </u> Logout	👰 Example 2010 🏑 Tools 🕡 Help
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Transactions: 10 of 15		CHRAY -001,2029 -003,2754 -01755 -01000 D00 CHRAZ 2021.175 101,2014 -02460 -01000 D00 CHRAZ 20,756 -03,750 -02444 -02000 D00	10 10000	_	
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2010 03 03 09:41:49		CHR22 101.007 101.009 00.007 0.0000 0.00 CHR2D 30.7455 357150 0.0246 0.0100 0.00 CHR1 99.047 99.3107 0.0055 0.000 0.00	00 0007		
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✓ 2010 03 03 09:45:31		CR52/D 208/36 20.720 -0.0404 -0.000 0.03 CR51X 58.5765 58.7248 -0.0481 -0.0100 0.01	00 -00154 00 -000585		
✓ 2010 03 03 09:45:57 ✓ 2010 03 03 09:48:13		CBR319 -048_7103 -048_7104 -048_7104 -028_712 0.02000 D00 CBR110 3014005 307,7300 -00015 0.0000 D00 CBR34 -048_8710 -047,744 -048_8710 -040000 D00 CBR34 -048_8710 -047,744 -048_8710 -040000 D00 CBR34 -048_8710 -047,744 0.04000 D00 D00	00 -6.0025	-	
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CAD Report

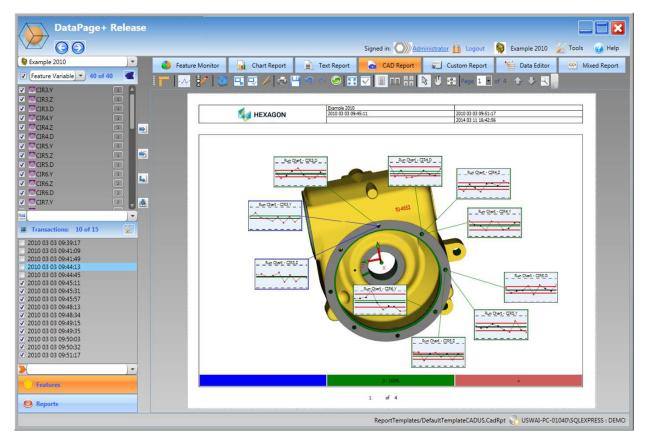
• The CAD Report View allows you to analyze the data along with the 3D CAD model. The CAD model is fully rotational, and you can apply report labels with leader lines tied to specific Features/Dimensions. You can select from over a dozen included reports from the report selection menu.





CAD Report

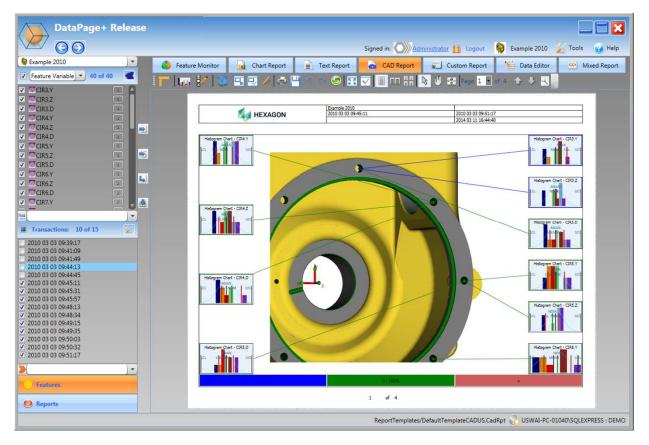
• The CAD Report View allows you to analyze the data along with the 3D CAD model. The CAD model is fully rotational, and you can apply report labels with leader lines tied to specific Features/Dimensions. You can select from over a dozen included reports from the report selection menu.





CAD Report

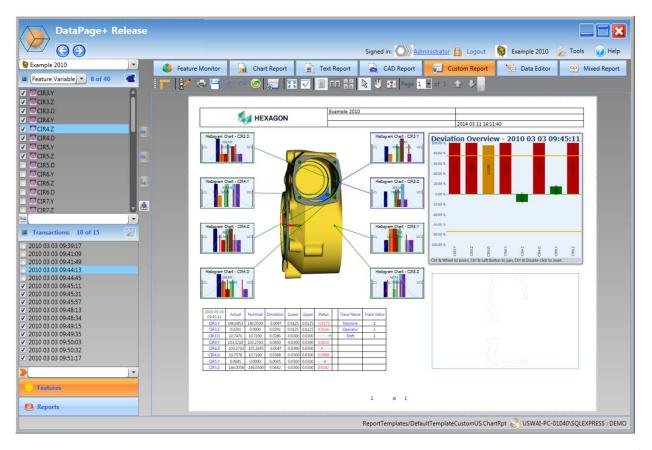
• The CAD Report View allows you to analyze the data along with the 3D CAD model. The CAD model is fully rotational, and you can apply report labels with leader lines tied to specific Features/Dimensions. You can select from over a dozen included reports from the report selection menu.





Custom Report

• The Custom Report View allows you to add elements from each tab (Chart, Text, CAD) to view combined analysis data on one report.





Data Editor

• The Data Editor View allows you to modify Feature information such as Feature Names, Tolerances, Control Limits, and more. You can also change Trace Fields and enter Cause Codes.

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Mea	urement Data	Trac	e Field	Cause Coo	les Endin	g Location for L	eader Lines					
				. 201	0 03 03 201	0 03 03 201	0 03 03 201	0 03 03 201	0 03 03 20	10 03 03 201	0 03 03 20	10
Name	Nominal	Upper	IOI LOW	og:4	45:11 09:	45:31 09:	45:57 09:	48:13 09:4	48:34 09	49:15 09:	49:35 09	:50
1 (1)	3.Y 146.0	500	0.0125	0.0125	146.0453	146.0639	146.0413	146.0376	146.0245	146.0445	146.0139	
2 CIF	3.Z 0.0	000	0.0125	0.0125	0.0291	0.0327	0.0023	0.0159	0.0461	-0.0457	0.0214	
3 CI	3.D 10.7	190	0.0300	-0.0300	10.7476	10.6719	10.6974	10.7383	10.7688	10.7054	10.6703	
4 CIF	4.Y 103.2	760	0.0300	-0.0300	103.3210	103.2872	103.2785	103.2457	103.3146	103.3069	103.2469	
5 CI	4.Z -103.2	595	0.0300	-0.0300	-103.2742	-103.3138	-103.2516	-103.2835	-103.3180	-103.2500	-103.2427	
	4.D 10.7	190	0.0300	-0.0300	10.7578	10.6839	10.7217	10.6765	10.6782	10.6888	10.7224	
	Care Brann		0.0300	-0.0300	0.0045	-0.0110	-0.0039	0.0234	0.0042	-0.0252	-0.0423	
· ·			0.0300	-0.0300	-146.0058	-146.0068	-146.0909	-146.0216	-146.0120	-146.0526	-146.0233	
15 🛛 9 CI	and the second		0.0300	-0.0300	10.7351	10.6923	10.7073	10.7134	10.7524	10.6788	10.7624	
		1.1	0.0300	-0.0300	-103.2678	-103.2657	-103.2624	-103.2322	-103.2851	-103.3176	-103.3018	
10 CI			Contraction of the local distance of the loc	CONCERNING AND								
11 CIF	Sector Sector	2 2 2 C	0.0300	-0.0300	-103.2496	-103.2709	-103.2406	-103.2417	-103.3145	-103.2919	-103.2934	
12 CI			0.0300	-0.0300	10.6973	10.6823	10.6710	10.7534	10.7388	10.6861	10.6823	
13 CI	Construction of the second		0.0300	-0.0300	-146.0598	-146.0023	-146.0138	-146.0975	-146.0432	-146.0382	-146.0287	
14 CI	7.Z 0.0	000	0.0300	-0.0300	-0.0146	-0.0172	0.0206	-0.0157	0.0018	-0.0168	0.0442	
15 CI	7.D 10.7	190	0.0300	-0.0300	10.7272	10.6854	10.7463	10.6975	10.7398	10.7581	10.7141	
16 CI	8.Y -103.2	764	0.0300	-0.0300	-103.2929	-103.2479	-103.2810	-103.2957	-103.3179	-103.2975	-103.3129	
17 CI	8.Z 103.2	695	0.0300	-0.0300	103.3175	103.2356	103.2871	103.2777	103.2595	103.2751	103.2607	
18 CI	8.D 10.7	190	0.0300	-0.0300	10.7636	10.7041	10.7119	10.7195	10.7077	10.7133	10.6705	
19 CI	9.Y 0.0	000	0.0300	-0.0300	-0.0160	0.0478	0.0075	0.0491	0.0257	0.0356	0.0219	
20 CIF	9.Z 146.0	500	0.0300	-0.0300	146.1000	146.0673	146.0430	146.0438	146.0310	146.0730	146.0383	
21 CI	9.D 10.7	190	0.0300	-0.0300	10.6778	10.7510	10.7081	10.6971	10.7639	10.6976	10.7413	
22 CIF	10.Y 103.2	764	0.0300	-0.0300	103.3237	103.2566	103.2663	103.2796	103.2652	103.2984	103.3183	



Mixed Report

• The Mixed Report View allows you to put together a final presentation based on the reports generated from the Chart, Text, and CAD Report tabs. You can arrange the order of the report pages by dragging and dropping them where you want.

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End of Presentation

