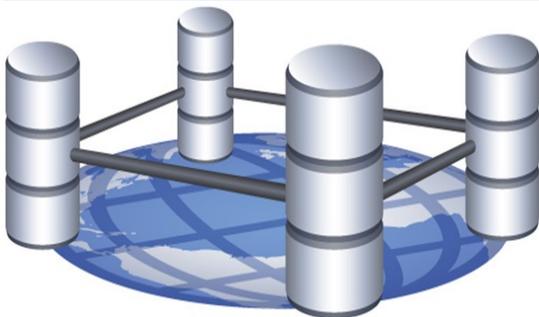


Real-time Database Compliance Monitoring

Compliance Builder includes built in modules for monitoring files, databases, and SharePoint sites. Our database monitoring module allows you to manage and control any RDBMS-based system, including SQL-based applications, batch systems, and custom developed database applications. Our real-time database module facilitates monitoring all files Subject to 21 CFR part 11 regulations.



Data Change Notifications can specify whether Compliance Builder - Database should issue and route notifications upon detecting database table changes. If notifications are issued, when a Data Change Event occurs, Compliance Builder - Database sends a notification to the address where the change originated, or to a specific pre-configured group. You can specify whether notification sign-off is required, and how long Compliance Builder - Database should wait before it "times out".

Compliance Builder with Real Time Monitoring - Database

The Compliance Builder with Real Time Monitoring - Database application provides management and control of any RDBMS-based system, including SOL-based applications, batch systems and custom-developed DB applications. Compliance Builder - Database ensures that any changes or modifications to a monitored database are properly tracked in adherence to 21 CFR Part11 Compliance Builder - Database is designed to monitor data changes in Oracle database tables, record each change event and maintain an archive of all changed records. You can instruct Compliance Builder - Database to issue and route data change notifications, and to require an authenticated acknowledgement and sign-off. Compliance Builder - Database can monitor data changes on one or multiple Oracle databases. Users set up these easy-to-configure parameters via Compliance Builder - Database creates a corresponding Audit Table that mirrors the structure of the monitored table. Compliance Builder - Database also creates triggers that monitor the target table and transfers any data changes to the Audit Table. The transferred information includes a record of the change event as well as the complete record that was modified.

Home Admin Logout Help Time Zone: (GMT-05:00) Current User: Susan, Cms

Excel Report Pdf Report Report Options HS SQL Data Change Report

System: All Database: All Table Name: All Field Name: All Field Value: All Order By: Descending Action: All Modified By: All Start Date/Time: 11/01/2021 00:00:00 End Date/Time: 12/16/2021 23:59:00

Table Name	Field Name	Field Value	Modified At	Modified By	Application	Action	Primary Key	Old value	New value	Sign-off Workstation	Event Action
dbo.Vendor	AccountNumber	WISPR0	12/16/2021 15:40:31	C. Buska (CBUSKA)	Microsoft SQL Server Management Studio - Query	Update	1572	B118181	L334433	N/A	N/A
dbo.Vendor	Name	WISPR0	12/16/2021 15:40:31	C. Buska (CBUSKA)	Microsoft SQL Server Management Studio - Query	Update	1572	Bic	Lanowa	N/A	N/A
dbo.Address	AddressLine1	WISPR0	12/16/2021 15:40:31	C. Buska (CBUSKA)	Microsoft SQL Server Management Studio - Query	Update	9	100 South Road	11 Town Rd	N/A	N/A
dbo.Address	AddressLine2	WISPR0	12/16/2021 15:40:31	C. Buska (CBUSKA)	Microsoft SQL Server Management Studio - Query	Update	9	AFT 5J	AFT 7G	N/A	N/A
dbo.Address	City	WISPR0	12/16/2021 15:40:31	C. Buska (CBUSKA)	Microsoft SQL Server Management Studio - Query	Update	9	Newark	Madison	N/A	N/A
dbo.Vendor	AccountNumber	WISPR0	11/03/2021 09:50:28	sa	Microsoft SQL Server Management Studio - Query	Update	1572	SC939393	B119181	N/A	N/A
dbo.Vendor	CreditRating	WISPR0	11/03/2021 09:50:28	sa	Microsoft SQL Server Management Studio - Query	Update	1572	2	1	N/A	N/A
dbo.Vendor	Name	WISPR0	11/03/2021 09:50:28	sa	Microsoft SQL Server Management Studio - Query	Update	1572	Scope	Bic	N/A	N/A
dbo.Address	AddressLine1	WISPR0	11/03/2021 09:50:28	sa	Microsoft SQL Server Management Studio - Query	Update	9	33 North Road	100 South Road	N/A	N/A
dbo.Address	AddressLine2	WISPR0	11/03/2021 09:50:28	sa	Microsoft SQL Server Management Studio - Query	Update	9	AFT 1C	AFT 5J	N/A	N/A
dbo.Address	City	WISPR0	11/03/2021 09:50:28	sa	Microsoft SQL Server Management Studio - Query	Update	9	Detroit	Newark	N/A	N/A
dbo.Employee	JobTitle	WISPR0	11/03/2021 08:55:13	sa	Microsoft SQL Server Management Studio - Query	Update	22	VP	MGR	N/A	N/A

Dashboard

System Summary	Category	Value
Active Systems	3	
Audited HS Access Directories	0	
Audited HS Access Tables	0	
Audited HS SQL Directories	0	
Audited HS SQL Tables	3	
File Records in Storage	2076	
Managed Directories	12	
HS SQL_ODS_Auth	0	
Hardware Groups	0	
Secure Directories	0	
Sharepoint Libraries	0	
Sharepoint Servers	0	
Storage Size	64 MB	
Total File Reservations	2289	
Total Monitor Files	760	
User Groups	10	
Users	0	
Workstations	1	

Current System Status

System	Workstations
CB_DEVTEST01	WISPR0
CB_TESTING	WISPR0
CB_TEST03	WISPR0

License / Current Used Resource Information

System	Resource	License	Used
Directories	000	117	117
Users	000	0	0
Workstations	000	1	1

Managed Folders

System	Active Directories
CB_DEVTEST01	0
CB_TESTING	0
CB_TEST03	0

Events by System

File Activities By System:

Events By System: 1 Month Refresh

Audit Tables

If you change the structure of a table that Compliance Builder - Database monitors, all you need to do is recreate the corresponding Audit table. Compliance Builder - Database's "Recreate" function does this seamlessly: it creates a new Audit Table based on the new structure and preserves the old Audit Table

Actions	Audited	Table Name
Configure	<input type="checkbox"/>	Address
Configure	<input type="checkbox"/>	AddressType
Configure	<input type="checkbox"/>	AWBuildVersion
Configure	<input type="checkbox"/>	BillOfMaterials
Configure	<input type="checkbox"/>	BusinessEntity
Configure	<input type="checkbox"/>	BusinessEntityAddress
Configure	<input type="checkbox"/>	BusinessEntityContact
Configure	<input type="checkbox"/>	ContactType
Configure	<input type="checkbox"/>	CountryRegion
Configure	<input type="checkbox"/>	CountryRegionCurrency
Configure	<input type="checkbox"/>	CreditCard
Configure	<input type="checkbox"/>	Culture
Configure	<input type="checkbox"/>	Currency

Compliance Builder Agent

Events System Log Connections Login Options Help Show Details

Signoff	Event	Item Name	Event Time
<input checked="" type="checkbox"/>	RDBMS Transaction		12/16/2021 15:40:32
<input checked="" type="checkbox"/>	RDBMS Transaction		12/16/2021 15:40:32
<input checked="" type="checkbox"/>	RDBMS Transaction		12/16/2021 15:40:32
<input checked="" type="checkbox"/>	RDBMS Transaction		12/16/2021 15:40:32
<input checked="" type="checkbox"/>	RDBMS Transaction		12/16/2021 15:40:32

RDBMS Transaction

- Entity Name: RDBMS Transaction
- Audit ID: 89
- Audit Date: 12/16/2021 15:40:32
- Database: Adventureworks2017
- Workstation: WISPR0
- Event User: XYBIONHQ/cbuska
- Table Name: dbo.Vendor
- Column Name: AccountNumber
- Operation: Update
- Primary Key: 1572
- Old Value: 8118181

System: CB_NEWSERVEY Folder: File Name Contains: Event Time From: 11/01/2021 00:00 Action

Sign-off Workstation: Event Time To: 12/10/2021 23:59

Actions	File Name	Revision	Action	Size	Event Time	Modified At	Modified By	Sign-Off Workstation	Event Action
Compare	WISPR0\VC\Chem20\U\LOGBOOK.TXT	2	Modify	488	11/01/2021 11:35:31	11/01/2021 11:35:38	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/01/2021 11:35:44 Sign-off Comment : Instrument configuration file has been changed
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_COMMUNIC	29	Modify	306	11/03/2021 11:36:01	11/03/2021 11:36:00	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 11:36:16 Sign-off Comment : New test results ready for review
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_COMMUNIC	29	Modify	306	11/03/2021 07:48:30	11/03/2021 07:48:28	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 07:48:45 Sign-off Comment : Instrument configuration file has been changed
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_COMMUNIC	30	Modify	306	11/03/2021 09:00:11	11/03/2021 09:00:10	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 09:00:26 Sign-off Comment : test
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_COMMUNIC	31	Modify	306	11/03/2021 09:34:16	11/03/2021 09:34:14	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 09:34:30 Sign-off Comment : Free text here
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_COMMUNIC	32	Modify	306	11/05/2021 10:11:55	11/05/2021 10:11:54	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/05/2021 10:11:46 Sign-off Comment : any free text comment
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_COMMUNIC	33	Modify	306	12/03/2021 15:44:52	12/03/2021 15:44:51	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 12/03/2021 15:47:46 Sign-off Comment : Free text comment that I changed stuff
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_CUSTOM	23	Modify	306	11/05/2021 10:12:16	11/05/2021 10:12:15	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/05/2021 10:14:17 Sign-off Comment : any free text comment
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_CUSTOM	22	Modify	306	11/04/2021 18:32:45	11/04/2021 18:32:44	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/04/2021 18:35:07 Sign-off Comment : Free text here
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_DOWNLOAD	12	Modify	306	11/03/2021 09:34:31	11/03/2021 09:34:30	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 09:36:09 Sign-off Comment : Free text here
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_DOWNLOAD	15	Modify	306	12/03/2021 15:45:06	12/03/2021 15:45:05	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 12/03/2021 15:47:45 Sign-off Comment : Free text comment that I changed stuff
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_DOWNLOAD	13	Modify	306	11/04/2021 17:43:09	11/04/2021 17:43:08	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/04/2021 17:45:24 Sign-off Comment : Instrument configuration file has been changed
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_DOWNLOAD	14	Modify	306	11/05/2021 09:05:36	11/05/2021 09:05:35	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/05/2021 09:05:52 Sign-off Comment : test
Compare	WISPR0\VC\Instrument Configuration\Advia\ADVGA_CODES.TBL	6	Modify	306	11/04/2021 18:33:00	11/04/2021 18:32:59	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/04/2021 18:35:07 Sign-off Comment : Free text a comment
Compare	WISPR0\VC\Instrument Configuration\Advia\TEST_COMMUNIC	5	Modify	306	12/03/2021 14:51:33	12/03/2021 14:51:32	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 12/03/2021 14:51:47 Sign-off Comment : test
Compare	WISPR0\VC\Instrument Configuration\Advia\TEST_COMMUNIC	2	Modify	306	11/04/2021 17:58:40	11/04/2021 17:58:39	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/04/2021 17:59:55 Sign-off Comment : New test results ready for review
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 03Dec2021_4_comp	1	Create	4306	12/03/2021 15:55:29	12/03/2021 15:55:11	C. Buska (CBUSKA)	CB_NEWSERVEY	Signed By : TIMOUT on : 12/03/2021 16:03:49 Sign-off Comment : TIMOUT	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 03Dec2021_4_comp	1	Create	9790	12/03/2021 15:55:31	12/03/2021 15:55:29	C. Buska (CBUSKA)	CB_NEWSERVEY	Signed By : TIMOUT on : 12/03/2021 16:03:51 Sign-off Comment : TIMOUT	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 08Nov2021_4_comp	1	Create	2308	11/03/2021 09:42:37	11/03/2021 09:42:34	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 09:43:17 Sign-off Comment : New test results ready for review	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 08Nov2021_4_comp	1	Create	9790	11/03/2021 09:42:40	11/03/2021 09:42:37	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/03/2021 09:43:18 Sign-off Comment : New test results ready for review	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 04Nov2021_4_comp	1	Create	6805	11/04/2021 18:45:34	11/04/2021 18:45:34	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/04/2021 18:46:24 Sign-off Comment : New test results ready for review	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 04Nov2021_4_comp	1	Create	9790	11/04/2021 18:45:36	11/04/2021 18:45:34	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/04/2021 18:46:25 Sign-off Comment : New test results ready for review	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 09Nov2021_4_comp	1	Create	3400	11/05/2021 10:32:51	11/05/2021 10:32:38	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/05/2021 10:32:42 Sign-off Comment : New test results ready for review	
WISPR0\VC\Users\Public\Documents\Intron\BleuHill Universal\Output\CB Demo 09Nov2021_4_comp	1	Create	9790	11/05/2021 10:32:54	11/05/2021 10:32:51	C. Buska (CBUSKA)	WISPR0	Signed By : C. Buska (CBUSKA) on : 11/05/2021 10:32:42 Sign-off Comment : New test results ready for review	

Reporting

Offers comprehensive database change reporting capability as a standard feature. The SQL Data Changes Report displays data from monitored RDBMS records in both summary and detail formats. You can optionally configure the report to display only selected database tables or fields, or only the old/new values of the data that was changed.

About Xybion

Xybion is a leading SaaS company dedicated to providing life sciences and health systems companies with innovative software solutions to accelerate the transformation of today's inventions into tomorrow's approved medicines, devices, and diagnostic tests designed to save lives and keep employees safe. Our intelligent cloud platform and software solutions help companies accelerate digital transformation of processes, speed up innovation, optimize operations, reduce compliance risks, and achieve significant cost savings.

Xybion is serving over 160 customers in 29 countries including all the top 20 global biopharmaceutical

companies. Xybion's global scale and expertise brings employees around the world to help companies in life sciences, health systems, research institutions, and governments. We help companies digitally transform their regulated business operations. Our unique solutions focus on employee health and safety, integrated preclinical lab management, early-stage drug discovery, digital lab solutions, regulatory compliance, GRC, quality management, predictive compliance, content management, and systems validation.

