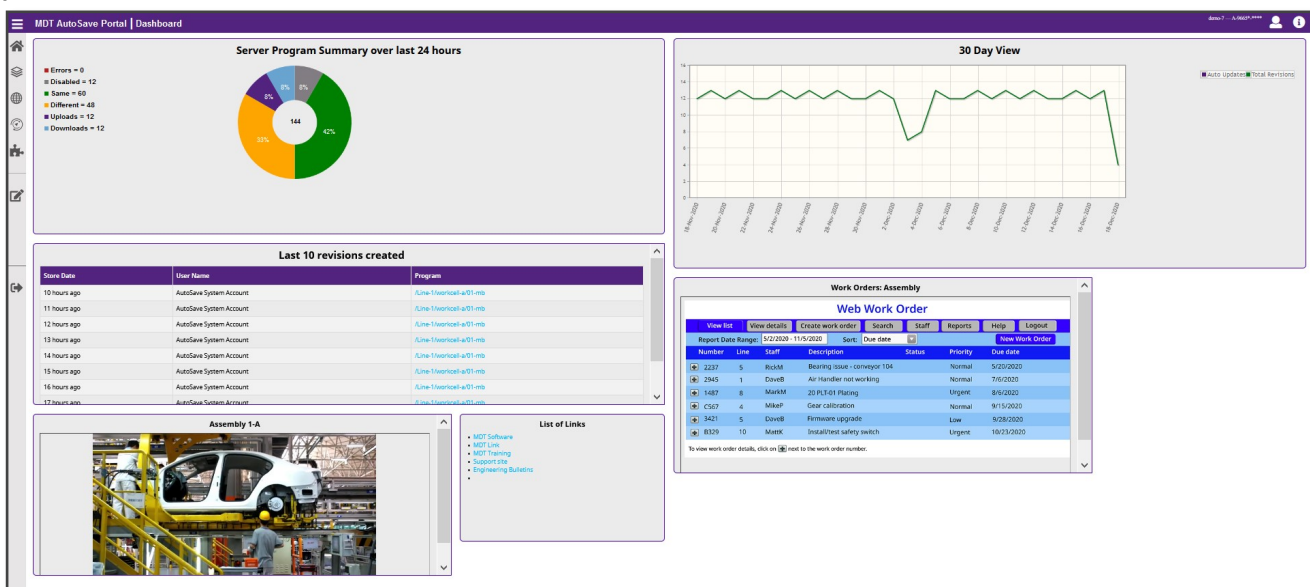


AutoSave

Business Intelligence Dashboard

Business Intelligence

AutoSave supports users at all levels of a customer facility to manage information regarding the on-going operations of their facility. This is achieved thru the AutoSave Portal that can be accessed from any computer, tablet, or phone that has access to your AutoSave System. The authenticated user in the portal can set up a customized dashboard to see any information pertaining to the on-going operations of the facility. It could focus on sub-sections of the facility or could provide summary review all operations.



The AutoSave Portal

Using the AutoSave Portal, users can view all AutoSave activity in the plant including program activity, success or failure of device program compare results, program comparison details, and much more. This vital plant information is accessed from a single web interface that can run on workstations, laptops, and mobile devices.

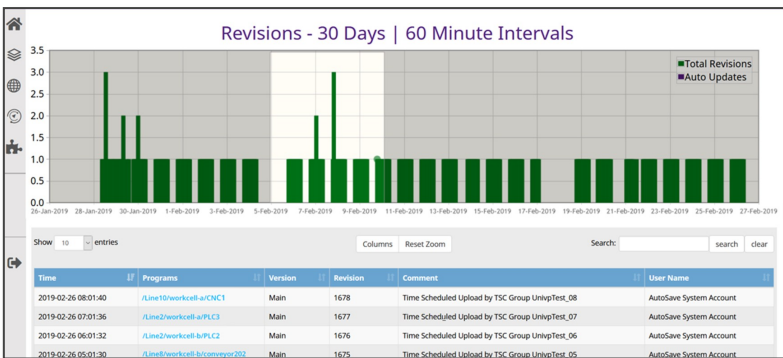


In bringing together the data generated by AutoSave change management activity, manufacturing and utility plants can easily identify issues that could impact plant performance and safety.

Users of AutoSave can now access the following through the easily navigated, secure, user-friendly Portal:

- ☑ Secure web view of live AutoSave data
- ☑ Integration of reporting and data management
- ☑ Customizable by users
- ☑ View revision activity
- ☑ Live monitoring of running command groups, agents and critical program data (program version, firmware version, last time changed and verified, etc.)
- ☑ Reporting data on-demand

See when a device program is going through an unusual amount of



Rev. Num	Rev. Date	Store Date	Comment	Method	User	Client
41	2019-02-07 20:43:15	2019-02-07 20:43:15	local to current	Local to Current	RSAM	RT-7x2
40	2019-02-07 20:42:53	2019-02-07 20:42:53	Search program change	Launch	RSAM	RT-7x2
39	2019-01-28 10:08:14	2019-01-28 10:08:15	this is a new comment from the field client	Local to Current	RSAM	RT-7x2
38	2019-01-02 09:53:31	2019-01-02 09:53:31	updated from field work	Local to Current	RSAM	LAP-RAG-3
37	2018-12-14 00:43:54	2018-12-14 00:43:55	test	Upload	RSAM	RT-7x2
36	2018-12-03 23:31:11	2018-12-03 23:32:17	make revision 34 current again	Accesor to Current	RSAM	LAP-RAG-3
34	2018-12-03 23:31:11	2018-12-03 23:31:11	Search change - updating the current	Launch	RSAM	LAP-RAG-3
33	2018-11-28 23:48:23	2018-11-28 23:48:23	upload current	Upload	RSAM	RT-7x2
32	2018-11-28 14:56:01	2018-11-28 14:56:01	upload current from device via agent	Upload	RSAM	RT-7x2
35	2018-10-12 14:24:52	2018-12-03 23:35:57	downloading revision 28	Accesor to Current	RSAM	LAP-RAG-3

Easily identify exactly what those changes were:

Program Path	Scheduled Command	Operation	Start	Stop	Compare	Auto	Agent	Remarks	
/Line5/workcell-c/Conveyor206	Compare current to device		08:00:22	08:00:25	08:00:25	08:00:27	N/A	RT-7x2	Differences were detected
/Line5/workcell-c/Conveyor206	Compare current to version (default)		08:00:28	08:00:30	08:00:30	08:00:32	N/A	RT-7x2	Differences were detected
/Line5/workcell-c/PLC2	Compare current to device		08:00:31	08:00:41	08:00:41	08:00:36	N/A	RT-7x2	No differences were detected
/Line5/workcell-c/Conveyor206	Compare current to device		N/A	N/A	N/A	N/A	N/A	RT-7x2	The program has been disabled for use by the command publisher
/Line5/workcell-c/PLC2	Compare current to version (default)		N/A	N/A	08:00:58	08:00:58	N/A	RT-7x2	Differences were detected

Conveyor from current

Application Logic from Current (Revision: 68)

```

174 ENDIF;
175
176 IF Cycle == 1 THEN
177   VerticalMove = VerticalMove + Speed;
178   IF VerticalMove >= 41 THEN
179     VerticalMove = 45;
180   IF Auto THEN
181     Cycle = 2;
182   ENDIF;
183 ENDIF;
184 ENDIF;

```

Conveyor from ver000-00001 (Revision: Current)

Application Logic from Current (Revision: 67)

```

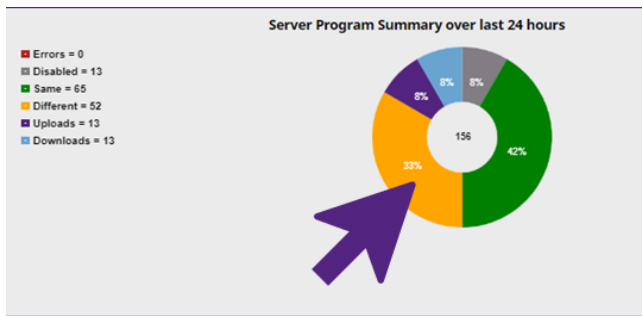
176 IF Cycle == 1 THEN
177   VerticalMove = VerticalMove + Speed;
178   IF VerticalMove >= 41 THEN
179     VerticalMove = 41;
180   IF Auto THEN
181     Cycle = 2;
182   ENDIF;
183 ENDIF;

```

Finished	Start Time	Finish Time	Status	Command	Device	Type	Group	Group Summary	Program Summary
2 days ago	2019-02-26 08:01:37	2019-02-26 08:01:40	Differences were detected.	Scheduled: Upload Revision from (67) to Version(Default)	Conveyor 206	InTouch	ConveyorGroup_2	ConveyorGroup_2 2019-02-26 08:00:12	Conveyor_206
2 days ago	2019-02-26 08:01:41	2019-02-26 08:01:42	Differences were detected.	Scheduled: Download Revision (68) to Version(Default)	Conveyor 206	InTouch	ConveyorGroup_2	ConveyorGroup_2 2019-02-26 08:00:12	Conveyor_206

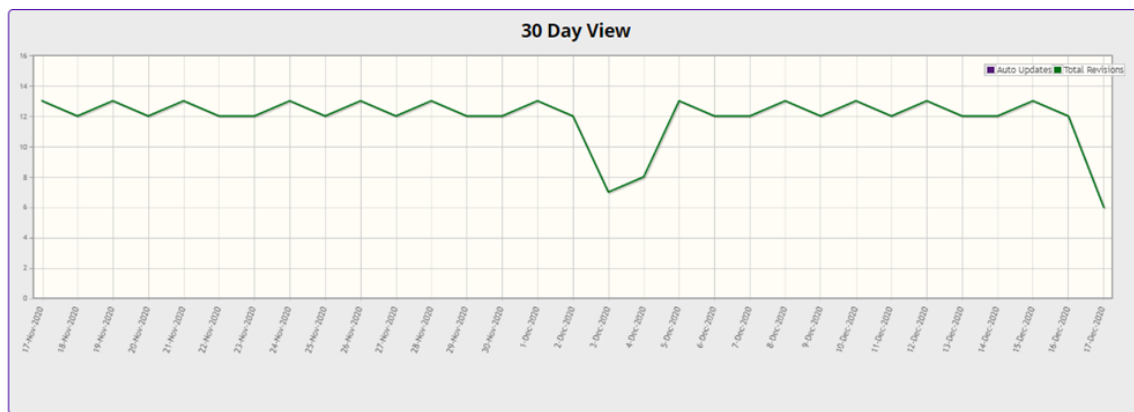
Know if someone makes a problematic code change in a PLC (or an outside vendor updates their equipment software) without telling anyone.

Find out if a recent code change may be causing a line/process malfunction.



Store Date	User Name	Program
17 minutes ago	AutoSave System Account	/Line-1/workcell-a/01-mb
13 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb
14 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb
15 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb
16 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb
16 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb
17 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb
18 hours ago	AutoSave System Account	/Line-1/workcell-a/01-mb

View trend data showing how often, who and why device code is changing.



Track data such as firmware, software and CPU versions in automation devices to compare against published cybersecurity threat reports.

MDT AutoSave Portal | Device

qa-as7-1 --- A-10089* -****

Devices

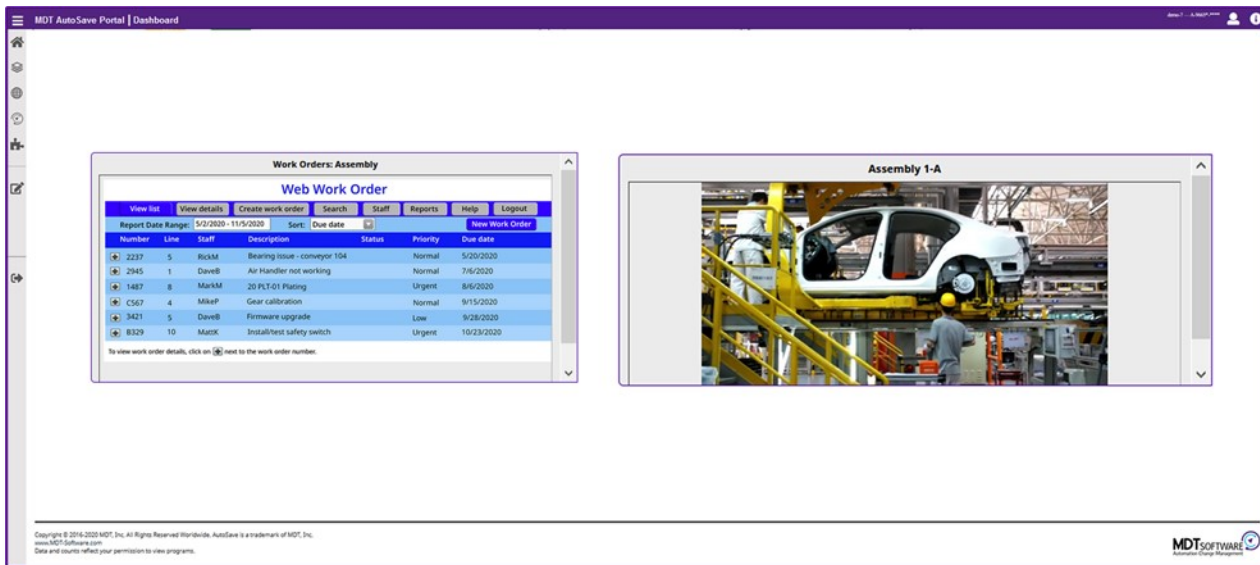
Show 10 entries

AutoSave Name	AutoSave Type	AutoSave Hostname	Device Type	Firmware Version
Mits R08SF	Mitsubishi HMI	10.50.10.42		15
Mits R08SF	Mitsubishi HMI	10.50.10.42		15
Schneider_M340	M340 BMX P34 2020	10.50.11.17	BMX P34 2020	02.40 - 3
Schneider_M340	M340 BMX P34 2020	10.50.11.17	BMX P34 2020	02.40 - 3
Schneider_M340	M340 BMX P34 2020	10.50.11.17	BMX P34 2020	02.40 - 3
Schneider_M340	M340 BMX P34 2020	10.50.11.17	BMX P34 2020	02.40 - 3
Unity Quantum	140 CPU 65150	10.50.11.15	140 CPU 651 50	02.31 - 40
Unity Quantum	140 CPU 65150	10.50.11.15	140 CPU 651 50	02.31 - 40
Unity Quantum	140 CPU 65150	10.50.11.15	140 CPU 651 50	02.31 - 40
Unity Quantum	140 CPU 65150	10.50.11.15	140 CPU 651 50	02.31 - 40

Showing 31 to 40 of 598 entries

Navigation: Previous 1 2 3 4 5 ... 60 Next

Access other plant activity such as work orders, plant floor video and more.



View this vital plant information from a decision support portal accessed from a single web interface.

