Plantweb Insight[™] Valve Health Application

Contents

Related Documents 2
Using this Guide
Step 1. Download Plantweb Insight and the Valve Health Applications3Step 2. Install the Plantweb Insight Framework7Step 3. Launch the Plantweb Insight Framework8Step 4. Install the Valve Health Application9Step 5. Request the Licensing File11Step 6. Install the Licensing File14Step 7. Configure the Data Source Connections16Step 8. Select the Assets for Monitoring in the Valve Health Application22Step 9. Define Application Parameters25Step 10. Configure the Selected Assets26
Importing Configuration on a Large Scale



PLANTWEB

This quick start guide provides installation and initial setup information for the Plantweb Insight Valve Health application





www.Fisher.com

Related Documents

In addition to this document, you will need the <u>Plantweb Insight Instruction Manual</u>, document number 00809-0100-4541.

Using this Guide

This guide includes installation and operation information for the Plantweb Insight (PWI) Valve Health application. The Valve Health application is a digital software product that applies Emerson's valve expertise and analytics to help monitor, prioritize, and understand fleet-wide valve issues at a glance. This guide describes the process to obtain, install, license, and configure the Valve Health application within the Plantweb Insight framework.



Do not install, operate, or maintain Fisher product without being fully trained and qualified in valve, actuator, and accessory installation, operation, and maintenance. To avoid personal injury or property damage, it is important to carefully read, understand, and follow all contents of this quick start guide, including all safety cautions and warnings. If you have any questions about these instructions, contact your Emerson sales office before proceeding.

Prerequisites

Before you begin, the following must be complete:

- Place a purchase order for the Valve Health application through your Emerson sales office.
- Create an account on <u>MyEmerson</u>.
- Request the Plantweb Insight applications to be loaded to your MyEmerson account through your Emerson sales office.

Step 1 Download Plantweb Insight and the Valve Health Applications

Sign into your <u>MyEmerson</u> account.



Click on the Licensed Software in the left hand column.

My Account	What's M Device Histor	New in MyEmerson? v Timeline Model Code Break Down	LEARN MORE >	
JAME ALVARADO MELLAN Ny Preferences Personal Information Address Book Communication Preferences	Welcome, This is your account summary You your account.	can change your personal information a	nd manage the options available for	
ENERSON AUTOMATION SOLUTIONE FINAL CONTROL US LESSIONE MyWorkspace Workspace Stock	Order Status & History Wewstatus of open and past orders	MyAssets. View installed device hiss, sectimical documentation, and walkdown reports vate kox >	MyWorkspace Configure products, sales tags, build tass	
Sump Mytrassetiens Carts Quotes Drokes	MyTraining Register and manage training courses.	MyPreferences Update personal information and communication preferences		Chai Now
MyAsiets Walkdowns Device List Upsteel List Connect Software Uccreated Software	Use N Fredegissilations in your problems; Communications, Evens, Latest Here	NPreferences to Stay Co at got seller Take 6. Resources, Training, Experisic and reard	onnected!	Cail New

Click on the Licensed Application Portal , then Launch.

MERSON PRODUCTS SE	AVICES INDUSTRIES EXPERTISE EN	INTERING TOOLS SUPPORT Search Q	দ
ma J. By Account: J. Licensed Software			
icensed Software			
JAIME ALVARADO MELLAN			
MyPreferences	Guardian	Liceosed Application Portal	
Personal Information			
Address Book	opdates, and 24x7x365 technical	chok the Launch button below to gan immediate access to your licensed	
Communication Preferences	support, all specific to your products.	software. Please ensure that you have	
EMERSON AUTOMATION	and systems.	the necessary entitlement and exemplations to access this cost files	
SOLUTIONS FINAL CONTROL US LP-151523996		contact us.	
MyWorkspace			
Workspaces (Lists)			
Tools	LAUNCH >	LAUNCH >	
Sungs			
MyTransactions			
Carts.			
Quotes			
Orders			
MyAssets.			
Walkdowns			
Device List			
Midafrasa			
in the second second			
Preuben Souware			
MyTraining			2
Field Training			111
Ornanizations			
Contraction of Province			

Click on the List Downloads.

0 00	bttps://emerson.flexnet	perations.com/flexmet/op	erationsportal/startPag	pe.da					A ^N 1	2 @	G	Φ	1	€ %	
Imerson Managed Favo	orites 👍 🥥 Insight Valve H	eth 💠 PlantWeb insigt	🔶 Emerson Training	4 Charles F. Knight Le.	22GA03 Insight Val	Airline booking and	Site Assets - OneDr.	🔷 Valve Health App	K Learn XD	Design [A.	• •	line Cours	e)/iel	> 0	Other favorite
MERSON															
vation & Entitlement it Entitlements opring Entitlements	⁵ License & I	Delivery Po	ortal											Jame A	ranado Millan 🔻
vnloads	0			See at	210										
of Proceedings of the	Recent Entitlements				Announcements										
of DOWNIGHT		Distant	Product description	Last modified +											
earth Downloads	Activation ID	PTM MARK													
sarih Downloads	Activation ID 0764-a29a-2a10-4751-972a-	Plantweb Insight - Virtual Machine (VHD)	Plantweb Insight Virtual Machine (VHD)	Apr 10, 2023											
sarin Downloads	Activation ID 0764-a29a-2a10-4751-972a- 4e7e-d9b6-6c0a-4176-a909-	Plantweb Insight - Virtual Machine (VHD) Plantweb Insight - Steam Trap App	Plantweb Insight Virtual Machine (VHD) Steam Trap Application	Apr 10, 2023 Mar 6, 2023											
sarth Downloads	Activation ID 0764-a29a-2x10-4751-872a- 4x7e-d986-5c80-4176-a909- 0407-2500-d965-4a83-9x7a-	Plantweb Insight - Virtual Machine (VHD) Plantweb Insight - Steam Trap App Plantweb Insight - Pump App	Plantweb Insight Virtual Machine (VHO) Steam Trap Application Pump Application	Apr 10, 2023 Mar 6, 2023 Mar 6, 2023											

Click on Pervasive Sensing.

EMERSON.	
Activation & Entitlements	Downloads
Expiring Entitlements	
Downloads	Pervasive Sensing
List Downloads	
Search Downloads	

Download the following applications according to your operating system:

- Plantweb Insight Framework (most recent version)
 - 1. Plantweb Insight Virtual Machine (for PC's using VMware)

OR

- 2. Plantweb Insight Virtual Machine (VHD) (for PC's using Microsoft Hyper-V)
- Valve Health application (most recent version)

Note

The Plantweb Insight Framework download process will follow the same steps as those of the Valve Health application.

MERSON		
tivation & Entitlements at Entitlements	Download Packages	Jame Avarado Milan
spiring Enlithements	The Download Packages page lists new and archived versions of downloadable components along with height details of the download	
ownloads .iit Downloads Iearch Downloads	Pervasive Sensing	
	New Versions Previous Versions	
	Venion 🗘 Description	Cate Available Log Details
	3.0.0 Plankveb Insight - Plafkem Upgrade	Feb 25, 2023 Download Log
	250 Steam Trap App	Feb 20, 2023 Download Log
	240 Pump Jop	Feb 25, 2023 Download Log
	25.0 Pressure Relief Value App	Feb 25. 2023 Dovinioad Log
	230 Air Cooled Heat Eischanger App	Feb 25, 2023 Download Log
	3.10 Buttery Management App	Feb 20, 2023 Download Log
	2.0.0 Connected Lighting App	Feb 20, 2023 Download Log
	2.3.0 Cooling Toxies App	Feb 20, 2023 Download Log
	230 Heat Exchanger App	Feb 20, 2023 Download Log
	120 Inline Centration App	Feb 29, 2623 Download Log
	1.5.1 Non-Intrusive Corrosion App	Feb 20, 2023 Download Log
	3.1.0 Network Management App	Feb 29: 2023 Download Log
	2.3.0 Pressure Gauge App	Feb 29, 2023 Download Log
	3.1.0 Plantweb insight - Vehal Machine	Oct 11, 2023 Orwhited Log
	3.10 Plantineb Insight - Visbuil Machine (VHD)	Oct 11, 2023 Download Log
	1.0.1 Valve Hisabi App	Oct 11, 2023 Download Log

Click on the download arrow next to the file name(s) to download (Ex: Valve Health application below):

EMERSON					
ctivation & Entitlements List Entitlements Expring Entitlements	Downloads Valve_Health_App 1.0.1				7
ist Downloads learch Doomloads	Files				1 File(s)
	+ File Description ÷	File Size 😄	File Added &	File Name 🚊	
	+ Valve Health Application	\$33,2700	Oct 11, 2023	L Valve-Heath-App-v1.0.1 app tar gz.esc.zp	

The downloaded file(s) will appear in the downloads of the browser window.

Note

Place the downloaded file(s) in a secure location on the computer for access at a later step.

EMERSON				Downloads Downloads	
Activation & Entitlements List Entitlements Expring Entitlements Downloads List Downloads	Downloads Valve_Health_App 1.0.1			See more	•
Search Downloads	Files				1 File(s)
	+ File Description 🛫	File Size 🖕	File Added 👙	File Name 💲	
	+ Valve Health Application	533.27MB	Oct 11, 2023	≜ Valve-Health-App-v1.0.1.app far gz.asc.zp	

Step 2 Install the Plantweb Insight Framework

Install the PWI Framework following the instructions in the Emerson <u>Plantweb Insight Instruction Manual</u> 00809-0100-4541.

Note

If the Plantweb Insight Framework is already installed, skip to Step 3.

Step 3 Launch the Plantweb Insight Framework

Open Plantweb Insight and log in with the username and password for the administrator.



First time Plantweb Insight users, log in with the following credentials:

- Username: admin@emerson.com
- Password: Default.1234

To change the password:

Note

Save this password in a secure location for future reference. There is no way to resend a forgotten password. A software installation will need to be redone.

Select the gear icon at the top right of the screen.

```
User \rightarrow Users (Manage Users) \rightarrow Change Password
```

PLANTWED HOME	Ĥ	٠	0	B	Ð
There are no apps to display					

The new password should have the following parameters:

- Minimum length: 12 characters
- Minimum lowercase: 1 character
- Minimum uppercase: 1 character
- Minimum numbers: 1 character

Save the new password, leave the system, and then log in again.

To change the password (if necessary):

User → Users (Manage Users) → Login and Password Options

Save the changes and then log in again.

Step 4 Install the Valve Health Application

Open Plantweb Insight and log in with the username and password for the administrator.

Note

Only "administrator" credentials can complete the following steps and configure system settings. "User" credentials can not access these settings.

In addition to this document, you will need the <u>Plantweb Insight Instruction Manual</u>, document number 00809-0100-4541.

Click on the Gear icon → Platform Settings

	Define the data source endpoint
There are no apps to display	Platform Settings Define the PMI actings
	There are no appid to display

Click on Manage Applications and Licenses

Pattern Settings texture interpretation Backup and Restore Backup and restore your system settings. Network Configuration Manage Network Configurations Cettificate Management Manage Network Configurations Manage Applications and Licentes Instal and Uninstall Applications, Update Licenses Protocols and Ports Manage Network Configurations Active Directory Manage SMTP Connections. Modus Mapping Descload Modus Mapping Enable IOTCS Enable IOTCS Capabilities. Moto Services versions	A N T W E B PLATFORM SETTING	5			A 🗢 🗢 & O
Backup and Restore Buckup and restore your system settings. Network Configuration Manage Network Configurations Certificate Management Manage Network Configurations. Manage Applications and Licentes Instail and Uninstail Applications, Uninteel Licenses Protocols and Ports Manage Nutocols and Ports. Active Directory Manage SMTP Connections. SMTP Settings Davaload Modous Mapping Davaload Modous Mapping Evaluate IOTCS About Services versions		← Platform Settings Navage platform configuration		nine / Patientanig	
Network Configuration Manage Metwork Configurations Certificate Management Manage Default, User provided and Peer certificates Manage Applications and Licenses Install and Uninstall Applications, Update Licenses Protocols and Ports Manage Potocols and Ports configurations Active Directory Manage SMTP Connections. SMTP Settings Demical Motolus Mapping Denical Motolus Mapping Enable IOTCS Abort Senties versions		Backup and Restore	Backup and restore your system settings.		
Certificate Management Manage Applications and Licenses Manage Applications and Licenses Install and Uninstall Applications, Update Lienses Protocols and Ports Manage Protocols and Ports Active Directory Manage SMTP Connections. SMTP Settings Manage SMTP Connections. Modbus Mapping Dearload Modbus Mapping Enable IOTCS Enable IOTCS capabilities About Services versions		Network Configuration	Manage Network Configurations		
Manage Applications and Licenses Install and Uninstall Applications, Update Licenses Protocols and Ports Manage Protocol and Ports configurations Active Directory Manage IDRP Connections. SMTP Settings Manage MRP Connections. Modbus Mapping Download Modbus Mapping Enable IOTCS Enable: IOTCS Capabilities About Services versions		Certificate Management	Manage Default, User provided and Peer certificates		
Protocols and Ports Manage Ports configurations Active Directory Manage LMP Connections SMTP Settings Manage SMTP Connections Modbus Mapping Desenload Modbus Mapping Enable IOTCS Enable IOTCS Capabilities About Services versions		Manage Applications and Licenses	Install and Uninstall Applications, Update Licenses		
Active Directory Manage LSAP Connections SMTP Settings Manage SMTP Connections Modbus Mapping Download Modbus Mapping Enable IOTCS Enable IOTCS capabilities About Services versions		Protocols and Ports	Manage Protocols and Ports configurations		
SMTP Settings Manage SMTP Connections Modbus Mapping Deanload Modbus Mapping Enable IOTCS Enable IOTCS Capabilities About Services versions		Active Directory	Manage LDAP Connections		
Modbus Mapping Download Modbus Mapping Enable IOTCS Enable IOTCS Capabilities. About Services ventions		SMTP Settings	Manage SMTP Connections		
Enable IOTCS Enable IOTCS Capabilities Services versions		Modbus Mapping	Download Modbus Mapping		
About Services versions		Enable IOTCS	Enable IOTCS Capabilities		
		About	Services versions		

In the Manage Applications and Licenses screen, select:

Applications \rightarrow Browse

Find and open the Valve Health application file previously downloaded in Step 1 (.asc) \rightarrow Install

T W E B PLATFORM SETTINGS					A . A .
	Manage Apps and Licenses Intelliger sectormer		New (Patientiet	ngi - Menge Applications and Commun	
	Applications Licenses				
	Install App To install a new application mole sure you have the installation peckage evoluble an arc file				
	encest				
	Bundle	Status	Executed Date	Uploaded By	
	Applications and Licenses				
	No Application or Science Installed.			Subscription P Trial	
					fermi Of Unit Emerson Plantweb Insight V.3.1.6

A successful installation message is shown below:



Select Logout Now and log back in.

Step 5 Request the Licensing File

Open Plantweb Insight Framework

Note

The icon of the Valve Health application is gray until the Licensing file is installed.

Click on the Platform Settings → Platform Settings → Manage Applications and Licenses



Click on the Valve Health application icon at the bottom.

 Manage Apps and L Inst App entropy 	icenses		New / Asher Serry / Henge Sphatters ed (inter-	
Applications Licenses				
Install App				
To install a new application make sure pro	i have the installation package double	the on out for		
BROWSE				
INCOLU				
Update Status				
Rende	Terior	Entrusted Data	Uploaded By	
value/bail/b_(.0.1	Complement	Out 11, 2023 3030 14 AM	adminibementon.com	
Applications and Licen	ses			
Click ver an Application Card to since	eure details.		Statestates Stat	
App (D) 19 Start some sing Versom (LL)				
Lance (California)				

In the pop-up, there are two licensing options:

- Option 1: Scan the QR code to send an email to request a purchased license.
- Option 2: Click the check box to Request Trial license, and scan the QR code to send an email, requesting a 90 day trial license.



An auto-generated email will be created for the license request.



Fill in the information required in the email body:

- PO Number
- Software Contact Email Address
- Company Name

After the request has been submitted and processed, the user will receive a (.txt) license file.

Note

Save this (.txt) file in the same location as the Valve Health application downloaded file to make sure they are secure and together.



Step 6 Install the Licensing File

Open Plantweb Insight Framework.

Note

The icon of the Valve Health application is gray until the licensing file is installed.



Click on the icon of the Valve Health Application.

PLANTWEB HOME			0 8 0 8
VALVE HEALTH	Valve Health	×	
	Ito Isome found for Valve Health, Parchase new Isome or repard that Have you purchased a license? Request License Install License		

Click Install License \rightarrow Licenses (tab).

Click Select File and locate the licensing file (.txt) previously downloaded from the email. Click Install.

	5		B A O O A
	Manage Apps and Licenses traint loce and trainer	Here / Robert Golige / Hereig Aprilation and Comm	
	Application: Licenses		
	Install License	Loosing Code/18/2004/8/02HH	
	The license key is applied through a license file. Please select your license file below.		
	Servict File		
	License Installation History		
	Applications and Licenses Click on an Application Caril to view more details.	Q Subscryptors Q Dist	
	Augusto Hanala		
	Version 121		
		See 2	15 - Emersion Plantants Insight V 3.1.0
EMERISON		1.000 C	and a second sec

Continue with the Installation \rightarrow Agree \rightarrow Close. When finished, log out and log in again.

PLANTWEB PLATFORM SETTINGS		A 🗢 🗢 A
	Manage Apps and Licenses minimum and knows	
	Applications Licenses	
	Install License Confirm Installation	× Cover mediavoveraties []
	The license key is applied through Phase select your license file bear () A valid Subscription License will take precedence over Trial license and become the active license	
	VERNE RLE You are about to install the following license(s): 1. Valve Health (valvebealth)	
	file: valvehealth_Emerson-Demo_VXAV6FGTHH_230905.bt	
	 Trial tarys: 30 Trial starts when license is installed 	- Websit
	Cancel Cont	unae
	License installation Heaving	
	Applications and Licenses	
	Citck on an Application Card to since more distants.	O Sufferciption O Trial

The licensing file should now appear in the Manage Applications and Licenses screen, as seen below.

Manage Appr and Licenser		
manage Apps and Ocenses	Training - Frankriker Safrings - Rawage Applications and Literate	
Applications Licenses		
Install License	Leading Contramposition/Come	
The license key is applied through a license file. Rease select your license file befox.		
LICENSE PLE		
Served File		
License Installation History		
License Status	Executed Date Executed By North State	
1000		
Applications and Licenses		
Club or at Application Card to your weine details.	👷 Ladauring Marier 👷 Sand	

Step 7 Configure the Data Source Connections

Refer to the Emerson Plantweb Insight Instruction Manual 00809-0100-4541.





Gateway Connections

Add Gateway

Procedure:

- 1. Click on Settings (gear icon)
- 2. Select Data Source Config \rightarrow Gateway Settings

PLANTWEB MANAGE	DATA SOURCES			ଳ ବ ବ ୟ ଶ
	Data Source Conf Krear bit service of putter	fig	Norm / Data Sports Coolig	
	Gateway Settings	Configure WirelessHART gateway data source connections.		
	OPC UA Servers	Configure OPC UA server data source connections.		
	Modbus Servers	Configure Modbus server data source connections.		
	MQTT Servers	Configure MQTT server data source connections.		

3. Click Add Gateway

PLANTWEB MANAG	GE DATA SOURCES	A ● 8 €
	Gateway Connection Setup Image Generations	nove Das Sourc Confg Galering Satings
	AND ARTMAN CHLETE SHALCTES Search	0 C 2
	Edit IP Address Port Gateway Tag Description Network ID	Inactive Secure
	Showing 1 to 0 of 0 25 💌 records per page	
SON		Terms Of Use Emerson Plantweb Insight V 3.2.0-dev 8 🕐

4. Enter the IP Address, Port, and Description

P L A N T W E B MANAGE DATA SOURCES			6 0 0 L f
Cateway Connection Setup	Add Gateway	- Henry () (see Summer () (set)) - Summer (Set)(g)	
ACD GATTWAY BUILDED AND AND AND AND AND AND AND AND AND AN		art 0 C 2	
tan 97 Address 🗸	IP ADDRESS	Macthe Second	
Shewing to to fo 2 * econts per per	PORT		
	DESCRIPTION		
	SECURE		
	SAVE		
			Emerson Plantweb Insight V 3.2.0 dev 8
EMERSON		Parine Of Long	Emerson Plantweb Insight V3.2.0 dev 6



Note

HART-IP[™] uses port 5094 in the gateway. Ensure both HART-IP TCP and HART-IP UDP are enabled in the gateway and set to 5094. Secure (encrypted) gateway connections require HART-IP port 5095.

5. Click Save

Once Plantweb Insight establishes connection, the Gateway tag and Network ID will populate. Please allow up to 5 minutes for the Gateway to establish a connection.

AMS Device Manager Connections

Add MQTT Server

Procedure:

- 1. Click on Settings (gear icon)
- 2. Select Data Source Config → MQTT Servers

PLANTWEB MANAGEDATA	SOURCES						ନ 🗢 🗣 ୟ ଶ
	Data Source Co Hanage data source configura	onfig			Harris / Data Source Cardy		
	Gateway Settings	Configure Wireless	HART gateway data source connections				
	OPC UA Servers	Configure OPC UA	server data source connections.				
	Modbus Servers	Configure Modbus	server data source connections.	6			
	MQTT Servers	Configure MQTT se	erver data source connections.				
						Terms Of Use Emersor	Plantweb Insight V 3.2.0-dev-8

3. Click Add MQTT Servers

PLANTWEB MANAGED	DATA SOURCES				A O O A A
	MQTT Servers Configure MQTT answer data source connections.			Here / Data Searce Loning / High	Servers
	Add MQT7 Server			Search	0
	Display Name A IP Address Port	Topic Subscription	i Status	i Status Date i Act	ons
	Showing 1 to 0 of 0 25 🛩 records per page				
					Terms (1) Inc. Emerson Plantach Insight V 3 2 0 dec 8

4. Enter the Display name, IP Address, and Port

PLANTWED MANAGE DATA	SOURCES					6 • 8 E	
	← MQTT Servers						1 ¹
	Add MQTT Server			Seed	a		0
	Shipley Name 4	Add MQTT Server		× s-ten	a II Actions		*
		Display Name *					+
	Committee to MQ17 Brown	-			ere 🖉 🛅		
		IP Address *					
	Showing ins Lift 21 .	Port *			12.0		
		Subscription Rules					
		Pattern * ①	Local Prefix ()				
				Sare Canal			
-							c
EMERSON					10) - 4(9)	Tonenco Plantweb Imight V 3110 dev 8 (1)	8
💻 🔎 🖽 📠 💽 🗄 🎙	9 🔨 🗠 🧶				đ1		P2)

Note

AMS Device Manager by default uses Port 65233.

5. In the Subscription Rules, enter the following Patterns and Local Prefixes exactly as shown below.

Table T. Communication Specifications	Table 1.	Communication	Specifications
---------------------------------------	----------	---------------	----------------

Pattern	Local Prefix
v1/DEVICE_INFO/+	
v1/DEVICE_ALERT/+	
v1/ValveHealth/time_insensitive_dataset/+	
v1/ValveHealth/time_sensitive_dataset/+	AMSBroker/
v1/ValveHealth/units_dataset/+	
v1/ValveHealth/specsheet_dataset/+	
v1/ValveHealth/#	

← MQTT Serve					
ALCONT STORE				(0)	
Digiting Marries	Add MQTT Server		3	eta Bala Arment	
	Display Name *				
	Connection to MQTT Broker			A MARTIN COM	
	IP Address *				
	10.208.38.151				
	Port *				
	65233				
	Subscription Rules				
	Pattern * (j)	Local Prefix 🕕	- 1 days		
	v1/DEVICE_INFO/*	AMSBroker/	O X		
			Save Canad		
	_				
	_		_		

6. Click Save

Step 8 Select the Assets for Monitoring in the Valve Health Application

Open Plantweb Insight through the web browser and log in with your username and password, then click the Valve Health application icon.

Note

The Valve Health application should now appear blue if the license was installed successfully.

Click on the Valve Health icon



The Dashboard screen will appear.

	Repair Urgency		Last Time Analytics were non-line for 82 2010 Overall Health Inde	Nuth O Diff BBD Control Steeland Treed or
8~	View Contraction		Dis Overall Health I Gate 4 Dis Nomember 1 Sing 1 and	NGEX For Stor grant
Critically A . mgh Urgency O Valence	Criticality A. Medium Urganity O Values	Unableashidged Alerts D Values	Action Streeting D Violent	Cast Served O USB
1 distuily 1 The 1 Anatori	Halth Index (%) 1 Provide Fryant (22	New lawse in the last 24 hours	revenued Action 1 Ater	three I Take Autors William

Click on Settings \rightarrow Asset Selection

PLANTWEB VALVE HEALTH		6 8 8 6 A
Datibourd Anat Seminary Alarm Settings Repo		
System Settinge	Computer Units of Measurements, Hearth Index Coult, and Analyter Time Hame.	
Criticality	Configure Valve Criticality Scaling to be used for Sorting and Health Index Scoring.	
Asset Selection	Select Valves to enable them for Data Collection: Analytics, and Health Index Scoring.	
App Event Loga	Collects and archives data detailing the events and activities within the application.	
	Disclaimer	
		Valve Health - Version - 1.2.0
MERSON		ms Of Une Emerson Plantweb Insight V 3.1.0 (?)

The Asset Selection screen appears.

Identify the connected assets you would like to monitor and select them using the check box. Depending on the purchased license, a maximum number of assets will be selectable. Only the assets selected will be used to gather data and appear on the dashboard and subsequent screens within the application.

An administrator can enter this screen at any time to modify the chosen assets to be monitored.

Assets	Criticality	Last Data Received	Decommission	Selected/Max	
 150	A.	Ten Feb (27 2024 12/04/14 10020			
11127-a	Α.	Tue Feb 27 2014 12/0415 -0600			
100	1	Port Part 27 2014 12:04 12:0602		101	
1000	A.	Tue Heli 27 2018 1228-10 1800		8	
D-90	A.)	Mar 146, 25, 2521 1527 25, 4520		8	
0-29	*	Mar 149-25-2524 1001127 -0500		8	
0.01	A	Amountaine 25 (1921) Amount - Charles		63	
D-37	Α.	Mun Feb 26 2024 1621 26 -0098		8	
Diff	A.)	184-1946 26 2024 19379 26 -9000		0	
0.33	A.,	Man Feb 25.2024 1921 (5.000		8	
P-81	A	Mar 946 26 2014 16 21 25 -0020			
31.00	A.,	Au Tel: 9.2524 5234.51-0031			
19-00	A.	(N 148 3 2024 0224 30 4000	Deserves		
2.00		Ar 146 3 2024 025428 -0020	Deserves		
10-01	a.:	Ro Rob & Mark 82,244,38 - 0620	Constant of		
D-11		An Aug. 9 (2024) 22:54:50 (4000)	Description		
1941				(13)/34	
				10 10 10	

Save the selected assets.

ack to Bettlege / Asset Solar, Son					Success	s X
	Assets	Criticality	Last Data Received	Decommission	Licenses saved	successfully
	10	4	And then \$7,0000 Million for some			
	V127-a		Tue Feb 17 2024 12:04:13 -0020		9	
	9135		Tree Tech 17,0004 1204112-0400			
			Tue Feb 27 2024 12:04:00 -0000		8	
	5-50	A	Mark Rule 26 2524 1621138 -0520			
	0.01	A	Mon Felicity, 25, 2124, 5425-37, 45401		18	
	0.31		Marchell 26, 2524 5625-27, 4800			
	p-21		Mon Feb 25 2024 Vol1126 -cm00			
	0-35		Mon Feb 25 2024 Md0109 -0600			
	2-31		Man Feb 25 2528 10(01:31 -0000		10	
	D-2H		Man Feb 35-3524 19(01)33-4000			
	0.0	A	Po Teo 9 2024 02:24:30 -0000			
	4-19		11 146 5 200 123 427 420	The second s		
	R-st		The face in 2010 CO-2010 - House			
	.0.0		To Feb 3 2024 02 54:30 -0000	-		
	0.0	*	111 Fox 9 2014 (0.1420 - 1810)	(and the second se		
	(14)				tratiliset	
					1	
		1.5				
			Expert XXV Term			

Step 9 Define Application Parameters

In the top navigation bar in the Valve Health application, click on Settings.

From the Settings screen, click System Settings to configure Units of Measure, Health Index Goal, Hours for Recent Alerts, and Analyzer Time Frame.

Back to Settings / Springs Settings		
	UNITS OF MEXCURANTEET	
	OWINKY UID -	
	HEALTH HOLK BOAL	
	HOURS FOR RECONT ALIENT	
	×1005 (N	
	Advictant meriodes	
	MBOVENCY EDATY *	
	SCHHDiad Stadir Tidel	
	REPORT THM PRAME	
	HIDURICY DATA	
	Schulara and and and a local court and the	
	cost weigh stort part = estational stort we	

From the **Settings** screen, click **Critically** to configure options for asset critically. Once each asset is assigned a critically according to the standards established on this screen, the analytics will use this weighting to calculate the health index.

A lower weighting for more critical valves will lower the health index of that valve in the event of an alert, and therefore display more urgency.

Back to Settings / Criticality					
		(CRITICALITY		
	ADD A LINE				
		CRITICALITY	WEIGHTING	REMOVE LINE	
		Tit A-	85		
		2nd B	90	×	

Step 10 Configure the Selected Assets

Note

Log in as administrator to configure assets.

On the Asset Summary screen, click on the Asset.

Filter by location 🖌 All		Bulk Edit Impo	et fille					C A there	
🗄 🗇 Uninown Location (1)	Select All	Asiat	Criticality 1	Location 1	Financial Impact (USD)	Repair Urgency 2	Health Index (%)	2 Status Duration 2	
🖂 She 1 (1)				University Constitute					-
Cocation 1 (1)		V128	^	Unicipain Cocacion	1000		60	4 (39)5	-
Decation 2 (2)		V127-a	^	Site I	1000		60	2 days	
☑ ⊡ Location 3 (1)		V120		Site 1	1000		72	2 days	PH .
ð 🕞 Site 2 (1)	-	V119	A	Site 1	3000		54	2 days	14
Delocation 1 (1)		V020	A	Site 1 / Location 1	3500	S	100	2 days	. PR
Distance (2)		1002	A	Site 1 / Location 2	1500	2	100	2 days	-
Distance 3 (1)		D-30	×	Site 1 / Location 2	1500		100	6 days	
		0-29	A	Site 1 / Location 8	1500		100	6 days	μ
		0-28	A	Site 2	1500		100	6 days	-
		0-27	A	Site 2 / Location 1	1500		100	6 days	н
		0-26	A	Site 2 / Location 2	1500		100	6 days	
	100	0-22	A	Site 2 / Location 2	1500		100	6 days	
		0-21	A	Site 2 / Location 8	3500		100	6 days	14

Click the **Details** tab. Configure the asset per the valve's specifications. Important parameters that are used in the analytics include:

- Valve Critically
- Valve Body: Style and Packing
- Actuator: Size, Style, Nominal Supply Pressure, and Max Casing Pressure Alert Point
- Instrument: Zero Power Condition
- Analyzer Configuration: LoLo, Lo, and High Alert Point

 \rightarrow Save

oor Details Olians Alems Noneo	Back to Some	nary / Annet Details (VI28)	
	Lecation Details		Indument
denote the	112	Newtone	Tabler Controlls
	Dis 1 / Location 1	Device Type	DvC2000
		Ter	
Value Criticality		Dentue Rev	20 C
Financial largest	2001	HART Rev	
		Grape D	
		Zaro Posser Condition	
	Value Body	SeldNeter	15,50454
10,720.0		Analy	or Configuration
Manufacture			
Model		Gentral Range Lolu- % Jaker poliett	
		Cambrol Range Lin %. (also t posint)	
		Control Range W.S. Labor point	
Packing		RUN AMALYZIR	SAVE DITALS
Secial Number		the Test Test States and the set of the set of the	The N line same is that don't many factors for
			and to total and the data ratio frames because the
	Actualor	Last Data Received: Tue Feb 27 2024 12:04 14 -0600	
Manufacturer			
Model			
. See			
layie.			
Normal Supply Pressore	P32 -		
Secial Rearilies			
Mass Causing Pressure Labort point)	P9		

Importing Configuration on a Large Scale

Click Asset Summary → Import File

∧ Filter by location → Al		Bulk Edit Angeot P	the late					edi e S	
C Unknown Location (1)	Select All	Anet :	Criticality 1	Location 1	Financial Impact (USD)	Repair Urgency :	Health Index (%)	2 Status Duration	
S 🕞 Ste 1 (3)						-			
😥 🕞 Location 1 (1)		V128	. *	Unknown Location	1000			4 days	-
Distance 2 (2)		V127-#	A	Site 1	1000		60	2 days	-
🗵 🖻 Location 3 (1)		V120	- E	Site 1	1000		72	2 days	14
2 🖂 5/te 2 (1)		V119	A	Site 1	3000		9	2 days.	-
Conception 1 (1)		V000	A	Site 1 / Location 1	1500		100	2 days	
Discation 2 (2)		V002	A	Site 1 / Location 2	1500		100	2 days	14
E location 3 (1)		D-30	Α.	Site 1 / Location 2	1500		100	6 days	
_		D-29		Site 1 / Location \$	1500		100	6 days	
		D-18	A	Site 2	1500		100	6 days	
		D-27	A	Site 2 / Location 1	1500		100	6 days	
		D-26	A	Site 2 / Location 2	1500		100	6 days	
	- H - 1	D-22		Site 2 / Location 2	1500		100	6 days	
		D-21	A	Site 2 / Location 3	1500		100	6 days	

The Bulk Import pop-up appears.

	×
Click 'Browse' to select a file. Once a file has been selected, click upload to begin the Bulk Import process. Test.csv Browse Upload (.CSV)	
fields are defined in System	
	Click 'Browse' to select a file. Once a file has been selected, click upload to begin the Bulk Import process. Test.csv Browse Upload (.CSV)

Download the configuration template as a Configure Selected Valve (CSV) file.

PLAN insight	TWEB VALVE	HEALTH	Downloads Bulk_Impo Open file	rt_Config_04032024-1215	E Q … ☆	B 4	
	Bulk Edit	Import File	1		Search	· 5 II	1 12
	Asset :	Criticality :	Bulk Import	×	Health Index ; (%)		$ \mathbf{u} \ge$
		A	Download current configuration (.CSV)	Click 'Browse' to select a file. Once a file has been selected,	68	5 days	10
	V127-a	A		click upload to begin the Bulk Import process.	68		10
	V120	в		Test.csv Browse	72		ju -
	V119	A	<u>*</u>	Upload (.CSV)	54		14
		A	Note: Tag, Criticality, Site, and Loc	Upload ation fields are defined in System	:100)	4 days	pu -
		A	Settings and only defined values n	nay be included in the upload.	100	4 days	14

Open the CSV file and complete the Information for the assets.

a sectore				12					0.5					_				0		3.8.8	LIGHT			- 10	11 22	11
fie H	ome insert	Page Lay	out Forme	ilas Dat	a Review Vie	ew Automat	ne Help													- 40		- da	0	Comments	di Shar	
Pate Or	ut opy = ormat Painter sant 15-	Calleri B I U -	-]11 -	- A' A'	= = = * •	1 Wite lo	st & Center ~	General \$ - %		Conditional I comatting *	format as N Sable -	Vormal Veutral	Bad Cole	nalation	Good	-	inert -	Delete Form		tutoSum + 18 - Dear + 8 d	ZY Son & Fir Filter = Sol	O state	enstaty	Add-ins	Analyze Data	
(1)	110	V 6																								¥
-11 A		c . c	3 6	F.	G H	1.11	4	ĸ	L M	N	0		Q	R	5	T.	U	v	w	×	¥.	2	AA	AB	AC	
1 Asset	Device TypCri	ticality Locat	tion Valve B	od Valve Bo	d Valve Bod Valve 8	Bod Valve Bod	Valve Bod Act	fuator EActs	iator E Actuator	EActuator 6	Actuator E	Actuator EA	Actuator E	Instrumer	Analyzer (Analyzer (A	Analyzer C	onfiguratio	on - Contro	ol Range H						
2 V127-a	DVC2000 A	North	h																							
3 0-21	DVC6200/ A	North																								
4 0-22	DVC6200/ A	North																								
5 0-26	DVC6200/ A	North																								
7 0.26	DVC6200/ A	North																								
0.70	DUCE200/A	North																								
9 D-30	DVC6200/ A	North																								
10 V128	DVC2000 A	North																								
11 V119	DVC6200FA	North	h	V-150	Rotary Shi NPS 1		234567		1052 Spring at	x 20				Valve Ope	in .											
12 V120	DVC620018	North	h																							
13 V002	DVC6000 FA	North																								
14 V020	DVC6200/ A	North	h																							
15																										
16																										
17																										
18																										
79																										
20																										
21																										
22																										
23																										
24																										
10																										
37																										
24																										
29																										
30																										
21																										
32																										
33																										
34																										
25																										
36																										
37																										
38																										
	Bulk Impo	ort Config 02	032024-072	()										1.0	•1											1
	Manual Contractor	and a second second	and the second se	9K.C.									_													part.

When finished with the CSV file, open the Bulk Import pop-up and Upload a CSV File.

	Dasht	ward Asset Summar	y Alerts Settings (Reports Hawith				
ocation All			Bulk Edit Import File			e c	ı e
Select All	Asset :	Criticality -	Bulk Import	×	Health Index ;	Status Duration	14
		A		Click 'Browse' to select a file. Once a file has been selected,	68	5 days	$\left \mathbf{n} \right $
	V127-a	A	Download current	click upload to begin the Bulk Import process.	68		$\mathbb{P}^{\mathbb{P}}$
	V120	в	configuration (.CSV)	Test.csv Browse	72	3 days	
	V119	A	<u>+</u>	Upload (.CSY)	54		pr.
		A	Download Note: Tag, Criticality, Site, and Locat	Upload ion fields are defined in System	100	4 days	(\mathbf{n})
		A	Settings and only defined values ma	y be included in the upload.	100	4 days	14

Note

The Repair Urgency statuses, Overall Health Index, and recommendations presented in the Valve Health application consider only what is known to Emerson relative to a limited collection of risk factors with no consideration of the processes under control, the application/configuration of the system in which a valve operates, or the actual actions taken locally to mitigate the identified risks. Valve health can be influenced by a variety of factors, and no product or software can guarantee full and continuous operability or performance. The Valve Health application is expected to assist users in monitoring and maintaining the health and performance of its valves. However, it is only a portion of an overall strategy for monitoring and maintaining the health and performance of your valves, and Emerson does not warrant that the Valve Health application or its use of will protect your valves from experiencing health or performance degradation.

Neither Emerson nor any of their affiliated entities assumes responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use, and maintenance of any product remains solely with the purchaser and end user.

Fisher and Plantweb Insight are marks owned by one of the companies in the Emerson business unit of Emerson Electric Co. Emerson and the Emerson logo are trademarks and service marks of Emerson Electric Co. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available upon request. We reserve the right to modify or improve the designs or specifications of such products at any time without notice.

Emerson Marshalltown, Iowa 50158 USA Sorocaba, 18087 Brazil Cernay, 68700 France Dubai, United Arab Emirates Singapore 128461 Singapore

www.Fisher.com

