STATION HEALTH SERVICE

Built on Niagara 4

Installation & User Guide

Hawkeye Energy Solutions Ver 4.10.1.5



Station Health Service

Contents

Overview	2
Requirements	2
Installation	2
Prerequisites	2
JACE Installation	2
Supervisor Installation	2
User Guide	3
JACE Processes	3
View the HTML Report	3
View the PX Report	3
Supervisor Processes	4
View the HTML Dashboard	4
Troubleshooting	5
Release Notes	5
Ver 4.10.1.5 (Niagara Marketplace Release)	5



Overview

Building Automation on the enterprise level requires the coordination of many different networks and devices. Before an AHU controller "fails", it often can be diagnosed before the issue occurs. Typically, you can find issues at the hardware and software level before the actual equipment is affected. That said, **how do you know what controllers are down and or having intermittent issues?**

Built on the Niagara 4 framework, Station Health Reporting automatically "latches" on to any JACE in your Niagara Network. This produces a pdf report for each station that can be emailed to specific stakeholders. Now of course, if you have many stations in a building you can easily pull the data into a supervisor station to see all of your devices in a single pane of glass! Station Health Reporting is the solution to monitor all of your Niagara JACEs and child devices.

Requirements

• Niagara 4.10+ (Contact Hawkeye Energy Solutions for lower versions)

Installation

Prerequisites

- ✓ Purchase license for each Host ID
- ✓ Download the latest module files (hesStationHealth.jar)

JACE Installation

- 1. Connect to the station using Workbench
- 2. Using the License Manager, update licenses from the License Server
- 3. Ensure the Hawkeye Certificate was also added from the License Server
- 4. Install the modules using the Software Manager
- 5. Restart the Station
- 6. Open the "hesStationHealth" palette and drag the "StationHealth" component to under the Station's "Config"
- 7. Installation is completed.

Supervisor Installation

- 8. Connect to the station using Workbench
- 9. Using the License Manager, update licenses from the License Server
- 10. Ensure the Hawkeye Certificate was also added from the License Server
- 11. Install the modules
- 12. Restart the Station
- 13. Open the "hesStationHealth" palette and drag the "StationHealthService" component to under the Station's "Service" bucket.
- 14. For each subordinate Niagara Station that utilizes the Station Health Service, drag the "StationHealthProxy" from the palette to the Station's "Points" bucket under the Niagara Network.
- 15. After the next poll, the station will automatically register in the Supervisor Service.
- 16. Installation Complete



User Guide

JACE Processes

View the HTML Report

- 1. Right-click on the "StationHealth" Component
- 2. Select "Station Health View"

	Pr	ope	erty Sheet							
	Config (Station)									
		ę D	Sys Info	lle	»	ıcıonii • ©				
	Þ	3	Services		Service	Conta	iner			
	Drivers				Driver Container					
	Þ.	Apps			App Container					
	StationHealth View		lth View	Station Health WS		F	Ax Station Health View			
	Acti			Acti	ons		►	Station Health View 🔎		
				New	w			Þ	AX Property Sheet	
	Edit			Tags				Property Sheet		

View the PX Report

- 1. Right-click on the "StationHealth" Component
- 2. Select "AX Station Health View"

I	Pı	roperty Sheet						
Config (Station)								
		Station Name	e hesSt	ationHealth				
L		📔 Sys Info	>>	• •				
L	₽	Services	Service	Container				
L	Þ	🕑 Drivers	Driver	Driver Container				
L	Þ	Apps	App Co	ontainer				
	Þ	StationHeal+	h Station Views	Station Health WS ions		Ax Station Health View	•	
			Actions			Station Health View		
			New			AX Property Sheet		
			Edit Tags			Property Sheet		



Supervisor Processes

View the HTML Dashboard

- 1. Right-click on the "StationHealthService" Component
- 2. Select "Station Health Service View"

Service Manag	er							
Name	Status	Service Type						
AlarmService	{ok}	alarm:AlarmService						
BackupService	{ok}	backup:Backu	pService					
CategoryService	{ok}	baja:Category						
JobService	{ok}	baja:JobServi						
SecurityService	{ok}	nss:SecurityService; baja:ISecurityService						
RoleService	{ok}	baja:RoleService; baja:IRoleService						
O UserService	{ok}	baja:UserServ	ice					
Authenticatic	Views	•	Station Health Service View 🔍					
DebugService	Actions	• •	AX Property Sheet					
BoxService	New	•	Wire Sheet					
FoxService	Edit Tags		Property Sheet					
HierarchySen			Tag Manager					
HistoryServio	Make Templat	:e	Enhanced Wire Sheet					
AuditHistory	Cut	Ctrl+X	Category Sheet					
LogHistorySe	Сору	Ctrl+C	AX Slot Sheet					
ProgramServi	Paste	Ctrl+V	Relation Sheet					
Search Service	Paste Special		New View					
S TagDictionary	Duplicate	Ctrl+D	Guide Help					
TemplateServ [Delete	Delete	Baiadoc Help					
WebService	Find		Spy Local					
BatchJobSen			Spy Remote					
🍥 StationHealth	Link Mark		alth:StationHealthService					
EmailService	Link From		rvice					



Troubleshooting

Contact Hawkeye Energy Solutions at (815) 744-0505.

Release Notes

Ver 4.10.1.5 (Niagara Marketplace Release)

Features Added:

• First release.

Bug Fixes:

• First release.