

# niagara<sup>4</sup>

## E-Signature Application

### PRODUCT DEFINITION

Tridium Professional Services offers an E-Signature Application (ESIGN) that helps Niagara 4 users mitigate risk of failed regulatory audits. The E-Signature Application allows Niagara 4 users to create and manage controlled audit logs to ensure data is accurate, time and date stamped, and unalterable.

The Niagara 4 E-Signature Application offers procedural and technical controls necessary for a compliant Method of Procedure (MOP) and Standard Operating Procedure (SOP). It is particularly helpful to regulated businesses required to meet the FDA's 21 CFR Part 11.

When manual changes and overrides are required, the Niagara 4 E-Signature Application can ensure the changes and overrides are made by authorized personnel, approved by managers and documented in audit files to maintain an accurate record.

### ORDERING INFORMATION

Part number	Description
ESIGN-S-N4-1000	N4 Supervisor E-Signature Application with 1000 ESIGN secured points. Niagara Station Proxy Points for JACE ESIGN secured points are not covered & do not count against this limit.
ESIGN-S-N4-UNL	N4 Supervisor E-Signature Application with unlimited ESIGN secured points. Niagara Station Proxy Points for JACE ESIGN secured points are not covered & do not count against this limit.
ESIGN-S-N4-UP-1000	N4 Supervisor E-Signature Application upgrade to add 1000 additional ESIGN secured points. Niagara Station Proxy Points for JACE ESIGN secured points are not covered & do not count against this limit.
ESIGN-EC-N4-250	E-Signature Application for JACE 8000 with 250 ESIGN secured points.
ESIGN-EC-N4-UNL	E-Signature Application for JACE 8000 with unlimited ESIGN secured points.
ESIGN-EC-N4-UP-250	E-Signature Application upgrade to add 250 additional ESIGN secured points.
TRN-N4-ESIGN-WBT	E-Signature Application Training Module (self-paced e-learning) & Certification.
ESIGN-SVCS	E-Signature Application Technical Support (up to 8 hours in 90 day period following order placement).

### KEY ADVANTAGES

- Intuitive Point Manager View to select and convert Station Niagara Points to ESIGN Secured Points
- Creates ESIGN Secured Histories
- Manages ESIGN Secured Points and Histories over their lifecycle
- Customer Zones, Categories, Roles, Users, Reason Sets and Reasons are configurable
- Points can be designated as ESIGN Secured (or can remain as standard Niagara points)
- ESIGN Secured Point value changes include Emergency Override, Emergency Auto, Override, Auto, Emergency Active and Emergency Inactive (all with Authentication)
- Support for LDAP Authentication
- Ability to change authentication level for alarm acknowledgement

powered by

niagara  
framework®

## SUPPORTED DEPLOYMENTS

1

Niagara Supervisor with Ethernet IP connectivity; ESIGN license at the Supervisor level

2

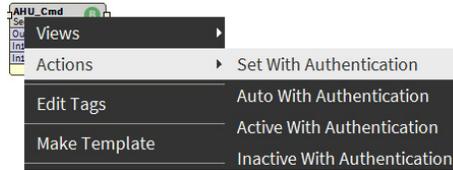
Niagara Supervisor with network of JACE® 8000 controllers; ESIGN license at the JACE level

3

Standalone JACE; ESIGN license at the JACE level

## SAMPLE DUAL-LEVEL WORKFLOW

Command selected as with any Niagara instance – from Nav tree or Wiresheet, or on a PX page



**Set With Authentication**

Point Name: AHU\_Cmd  
 New Value: Start  
 Reason: Filter Cleaning Completed  
 Other Reason:

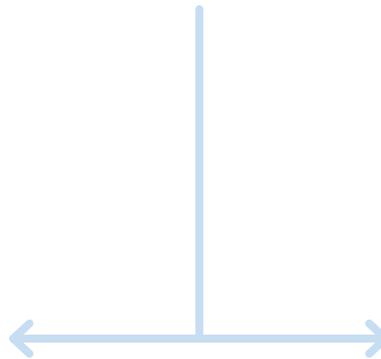
Level-1-Authorization-Signature  Level-2-Authorization-Signature

User Name: John\_Smith  
 Password:   
 Comment: Safety checked. Ahu ready to start.

E-Signature Acknowledgement:  
 I hereby certify that (i) I am the user [John\_Smith] identified above, (ii) [PharmaClient] notified me that it had assigned the above user account to me and provided me access to that account, and (iii) it is my intent that the above electronic signature be my legally binding signature just as if it were my handwritten signature.

### PRIMARY

for instance, at the process cell level



**Set With Authentication**

Point Name: AHU\_Cmd  
 New Value: Start  
 Reason: Filter Cleaning Completed  
 Other Reason:

Level-1-Authorization-Signature  Level-2-Authorization-Signature

User Name: Benjamin\_Franklin  
 Password:   
 Comment: Status Verified.

E-Signature Acknowledgement:  
 I hereby certify that (i) I am the user [Benjamin\_Franklin] identified above, (ii) [PharmaClient] notified me that it had assigned the above user account to me and provided me access to that account, and (iii) it is my intent that the above electronic signature be my legally binding signature just as if it were my handwritten signature.

### SECONDARY

can be local or remote – for instance, a manager level at another location

To learn more about how to purchase, install and start using the Niagara 4 E-Signature Application offered by Tridium Professional Services, please contact your Tridium account manager or Niagara partner.



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tridium.com

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