

VYKON integrated analytics 2.0

PRODUCT DEFINITION

VYKON Integrated Analytics version 2.0 is a data analytics extension to the Niagara Framework® available on Niagara 4 Supervisors and JACE® 8000 controllers. It gives Niagara 4 and JACE 8000 users the ability to apply a variety of analytic algorithms and diagnostics to both historical and real-time data available in Niagara. Users have the ability to discover and mitigate previously unknown operational issues, which helps to maximize their investment in Niagara Framework-based products. VYKON Integrated Analytics 2.0 is compatible with Niagara 4 version 4.2 and higher.

JACE 8000 SERIES ORDERING INFORMATION

| Part number* | Description |
|---------------|---|
| NA-EC-N4-100 | Niagara Analytics Framework (on Niagara 4) license for 100 analytic points for an Embedded Controller (JACE 8000) |
| NA-EC-N4-250 | Niagara Analytics Framework (on Niagara 4) license for 250 analytic points for an Embedded Controller (JACE 8000) |
| NA-EC-N4-500 | Niagara Analytics Framework (on Niagara 4) license for 500 analytic points for an Embedded Controller (JACE 8000) |
| NA-EC-N4-1000 | Niagara Analytics Framework (on Niagara 4) license for 1,000 analytic points for an Embedded Controller (JACE 8000) |

NIAGARA 4 SUPERVISOR ORDERING INFORMATION

| Part number* | Description |
|-------------------|--|
| NA-S-N4-250 | Niagara Analytics Framework (on Niagara 4) license for 250 analytic points for a Supervisor |
| NA-S-N4-1000 | Niagara Analytics Framework (on Niagara 4) license for 1,000 analytic points for a Supervisor |
| NA-S-N4-2500 | Niagara Analytics Framework (on Niagara 4) license for 2,500 analytic points for a Supervisor |
| NA-S-N4-10000 | Niagara Analytics Framework (on Niagara 4) license for 10,000 analytic points for a Supervisor |
| NA-S-N4-50000 | Niagara Analytics Framework (on Niagara 4) license for 50,000 analytic points for a Supervisor |
| NA-S-N4-100000 | Niagara Analytics Framework (on Niagara 4) license for 100,000 analytic points for a Supervisor |
| NA-S-N4-UNL | Niagara Analytics Framework (on Niagara 4) license for Unlimited analytic points for a Supervisor |
| TRN-CRS-N4-ANALYT | Training Classroom Session Niagara 4 Analytics Instructor-Led Certification Training. Student must be Niagara 4 certified to attend. |

INCLUSION OF ANALYTIC POINTS AS A BASE

| Part number* | Description |
|---------------|---|
| NA-N4-BASE-25 | Niagara Analytics Framework (on Niagara 4) license for 25 analytic points for an Embedded Controller (JACE 8000) or Supervisor. Requires NO additional purchase of SMA (included as part of core Niagara 4 SMA) |

KEY ADVANTAGES

- One data model common to Niagara 4
- Ability to leverage Niagara 4 tagging and hierarchies
- Example algorithm libraries with more predefined algorithms
- Data analysis at the onsite JACE controller level
- Wiresheet programming
- Drop-in analytics services
- Real-time on-premise analytic control
- Extensive HTML5 user visualization

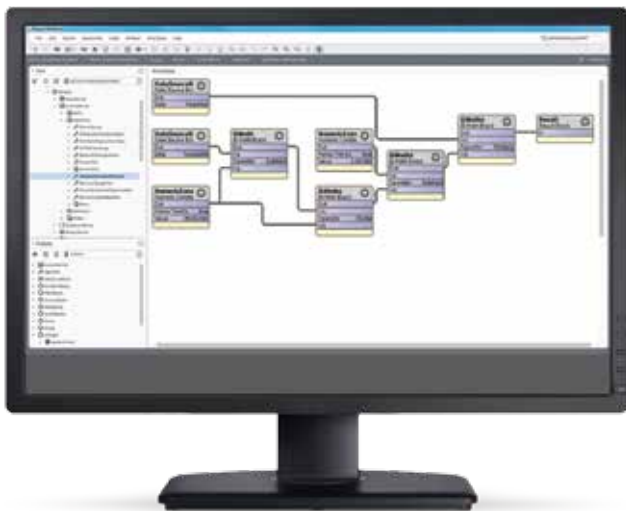
powered by
niagara
 framework®

*Effective September 9, 2016

VYKON Integrated Analytics 2.0 licenses are conveniently and cost-effectively based on the number of analytical points and do not expire. Niagara 4 includes a Software Maintenance Agreement (SMA) that covers all Niagara Analytics enhancements, adding to the value of the SMA when you invest in Niagara 4.

FEATURES

| Component | Description |
|------------------------|---|
| Data Sources | Components that allow you to target specific data definitions as inputs to logical formulas |
| Math Objects | Logical blocks that allow you to do simple math using historical or real-time data as parameters |
| Logic Objects | Allow you to switch an output value based on an input—the If/Then of the VYKON Integrated Analytics world |
| Filters | Remove out-of-range, invalid or bad data from your data set, or filter out a certain time window, day of the week, month in a year, etc. |
| Strings | Perform String data-based tasks, such as concatenation, replacement or toString functions |
| Constants | Create Boolean, Numerical, String or Enumerated constants for data comparison—also includes NaN constant for filtering or status evaluation tasks |
| Miscellaneous | Clearinghouse for other necessary components, such as: DayBuilder, Intersection, IntervalCount, SlidingWindow, ValueMap, Psychometric, Rollup, RelativeTimeRange, ConsumptionToDemand, etc. |
| Pre-Defined Algorithms | <ul style="list-style-type: none"> • Building Automation Systems (BAS) • Energy Management • Data Center Infrastructure Management (DCIM) |



**Discover and mitigate data anomalies
using Niagara Analytics 2.0 algorithms**

To learn more about how to purchase, install and start using VYKON Integrated Analytics 2.0, contact your VYKON partner. The global community of certified Niagara professionals can serve your unique business needs across any industry or geographic region.



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