

Product Information Note

Intuition KPI: Insight at a Glance



Track, record, and analyze KPIs with easy metrics management. Know where you stand with Intuition® KPI. Simple to configure and use, it gives people throughout the organization instant access to key performance indicators for order management, margins, safety – or whatever determines success. Instantly compare against targets to identify problem areas and drive continual improvement.

Key Performance Metrics

Key performance metrics, or KPIs, are used by many companies to track how the business is doing against targets. Typically KPIs are defined for business goals such as safety, reliability, quality, operational efficiency and so on. To be useful, KPIs should be measurable, actionable, compared to targets, and for a specific period of time. Companies often define a hierarchy of KPIs where primary KPIs define overall business objectives, while secondary and tertiary KPIs lend support. Table beneath shows an example of some typical KPIs.

Secondary and tertiary KPIs lend support

KPI	Category	Source
Number lost time accidents	HSE	Manual entry
Number environmental issues	HSE	Manual entry Historian
Unit effectiveness (actual/target)	Operations	Historian
Unit material balance	Operations	Historian
APC constraints at limit	Operations	Historian
Critical process parameters	Operations	Historian
Alarm rate	Operations	Alarm management
Unplanned downtime	Reliability	Downtime
Operating envelope exceptions	Reliability	Operations Monitoring
Variable cost	Economics	Historian, SAP
Energy/ton of product	Energy & Loss	Historian Energy calculation
Heater efficiency	Energy & Loss	Energy calculation
Quality giveaway	Quality	Historian, LIMS, SAP

Why Intuition KPI

Large, complex organizations do not need more data, just clearer information, which is more consistently calculated and highlighting issues, for better decisions. Calculating performance metrics in spreadsheets is hard to scale, not easy to share, with an ongoing maintenance problem; while central corporate systems often lack access to detailed plant data.

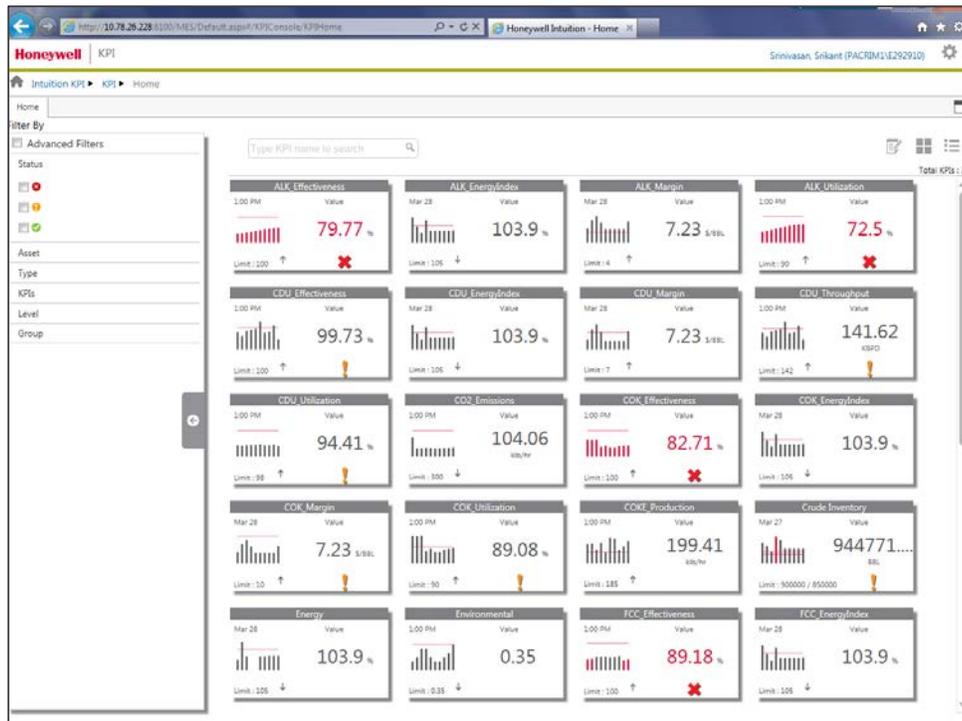
Intuition KPI collects data from throughout the organization every hour, day, week, or month; collects targets; compares results data to targets; and presents a clear, consistent, business-wide view of what is going on and which metrics need attention. Record and store all key indicators and calculations for long-term retention and reporting.

View performance against targets for primary KPIs from the dashboard or drill down to hundreds or thousands of secondary and tertiary KPIs for more in-depth analysis. As it integrates with Intuition® Executive, KPIs can be rolled up into corporate wide dashboards for better Enterprise Collaboration.

Easy to Install, Fully Customizable

Intuition KPI is designed to integrate quickly and easily with other systems such as historians for fast engineering and users can be up and running in minutes. Use it anywhere—desktops, tablets or smart phones.

KPIs are displayed as icons or in lists, showing values, targets, and statuses. Users can filter by equipment, categories and status, and click through for history, inputs and calculations.



Intuition KPIs – Tile view

KPI	Prior Value	Value	Period	Target Low	Target High	UOM	Trend
ALK_Effectiveness	79.11	79.77	1:00 PM	100		%	📉
ALK_Utilization	72.15	72.5	1:00 PM	90		%	📉
CDU_Effectiveness	100.06	99.73	1:00 PM	100		%	📉
CDU_Throughput	142.09	141.62	1:00 PM	142		KBPD	📉
CDU_Utilization	94.73	94.41	1:00 PM	98		%	📉
COK_Effectiveness	82.39	82.71	1:00 PM	100		%	📉
COK_Margin	9.02	7.23	Mar 28	10		\$/BBL	📉
COK_Utilization	86.72	89.08	1:00 PM	90		%	📉
Crude Inventory	944771.2	944771.2	Mar 27	850000	900000	BBL	📉
FCC_Effectiveness	88.6	89.18	1:00 PM	100		%	📉
Production	86.54	86.72	1:00 PM	100		%	📉
REF_Effectiveness	86.14	86.72	1:00 PM	100		%	📉
REF_EnergyIndex	103.9	103.9	Mar 26		103	%	📉
REF_Utilization	94.73	94.41	1:00 PM	98		%	📉
Reliability	90	90	Mar 26	95		%	📉
RPM_Effectiveness	80.55	82.2	1:00 PM	100		%	📉
RPM_Margin	5.02	7.23	Mar 28	8		\$/BBL	📉
RPM_Utilization	88.1	89.91	1:00 PM	90		%	📉

Intuition KPIs – List view

Scalable to grow with the business, Intuition KPI is easy to configure and flexible:

- Define the KPI name, purpose, owner, category, type, time period and site.
- Set values, targets, direction, and time periods for each KPI.
- Values can be entered manually, measured, or calculated with the provided calculation engine
- Inputs can come from Intuition Executive, process historians, other Honeywell applications and elsewhere, including third-party data sources. Data inputs can be manual as well.
- Track thousands of KPIs to grow with your business; retain history for years
- Integrate with Intuition Executive or just use the standalone KPI interface.
- Enable, disable, or recalculate KPIs using a simple management interface.

All the Information Needed

Intuition KPI lets users see their primary KPIs at a glance from the main screen, whether indicators for safety, operations, reliability, economics, energy & loss, plant expansions or personnel. Secondary and tertiary KPIs can be configured to lend further support.

Secure, Consistent Data

Intuition KPI simplifies the creation and calculation of KPIs. Avoiding the risk of inaccuracies from manual entry on spreadsheets, it also helps ensure consistent formulae and metrics are used across the organization. It ensures everyone works from a single version of the truth.

For More Information

Learn more about how Honeywell's Intuition KPI can easily manage KPIs, visit our website www.honeywellprocess.com/software or contact your Honeywell account manager.

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Rules-based security allows ownership to be assigned individually to KPIs or by category to keep data safe.

Traceability and Storage

Click through any KPI for all its history, inputs and calculations. All KPIs and measures can be stored for years for traceability to aid with reports and audits.

Integrate to Inform

Using open standards, Intuition KPI integrates easily with a wide range of historians, alarm management systems, operations management systems and enterprise resource planning systems. It gives access to the full range of data in the organization to leverage existing investments and remove the need for manual entry.

All KPIs generated are also available for use in Intuition Executive and accessible in its displays, while users can simply click through to launch the Intuition KPI interface from Executive screens.

Support Services

This product comes with worldwide, premium support services through our Benefits Guardianship Program (BGP). BGP is designed to help our customers improve and extend the usage of their software applications and the benefits they deliver, ultimately maintaining and safeguarding their software investment.