

Uniformance KPI: Insight at a Glance



Track, record, and analyze KPIs with easy metrics management. Know where you stand with Uniformance 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 Uniformance 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.

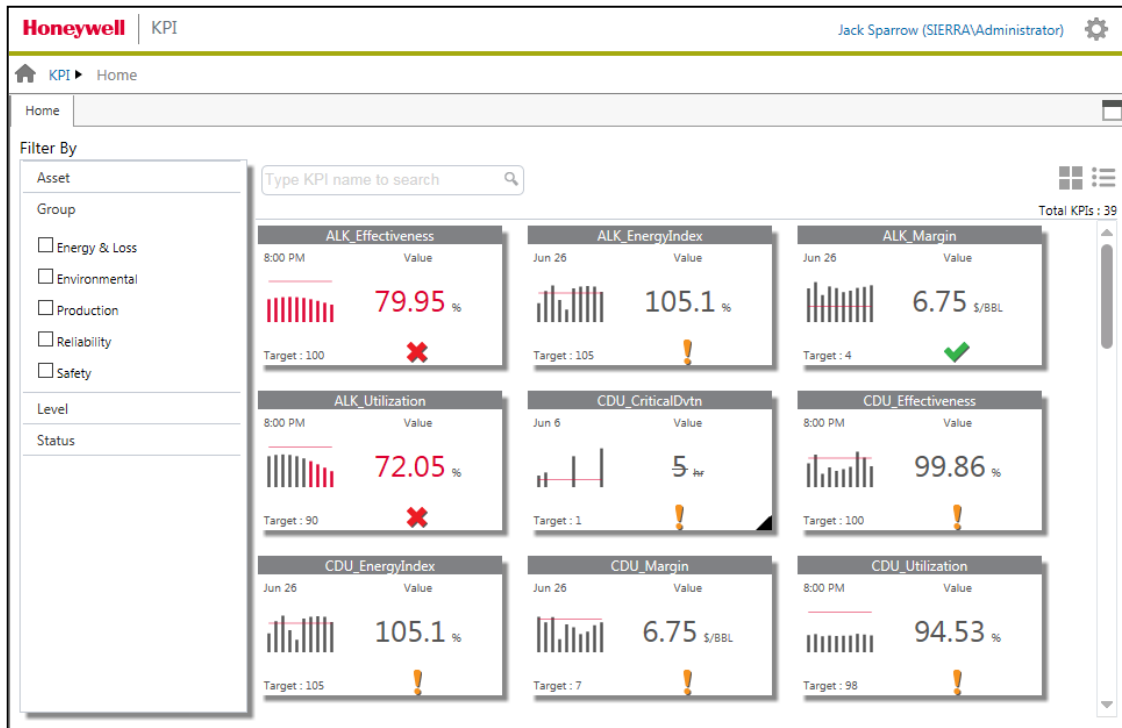
Uniformance KPI collects data from throughout the organization every hour, day, week, or month; collects targets; compares results data to targets; and presents a clear, consistent, business-wide view of what is going on and which metrics need attention. Record and store all key indicators and calculations 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. Integrates with Uniformance® Executive, so KPIs can be rolled up into corporate wide dashboards for better Enterprise Collaboration.

Easy to Install, Fully Customizable

Uniformance 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.



Uniformance KPIs – Icons view

The screenshot shows the Honeywell KPI dashboard in list view. The interface includes the same top navigation bar and search bar as the icon view. The 'Filter By' sidebar is visible. The main area displays a table of KPIs with columns for KPI, Status, Prior Value, Value, Period, and Target. The table lists 10 KPIs with their respective values and targets.

KPI	Status	Prior Value	Value	Period	Target
ALK_Effectiveness	Red X	89.04	89.27	Jul 20 1:00 PM	100
ALK_EnergyIndex	Green ✓	105.55	104.51	Jul 20	105
ALK_Margin	Green ✓	6.05	6.52	Jul 20	4
ALK_Utilization	Yellow !	84.91	84.56	Jul 20 2:00 PM	90
CDU_CriticalDvtn	Yellow !	0	5	Jun 6	1
CDU_Effectiveness	Yellow !	99.73	99.84	Jul 20 1:00 PM	100
CDU_EnergyIndex	Green ✓	105.55	104.51	Jul 20	105
CDU_Margin	Yellow !	6.13	6.47	Jul 3	7
CDU_Utilization	Yellow !	94.65	94.81	Jul 3 9:00 AM	98
CO2_Emissions	Green ✓	96.86	92	Jul 3 9:00 AM	300
COK_Effectiveness	Red X	82.71	84.4	Jul 20 1:00 PM	100

Uniformance KPIs – List view

Scalable to grow with the business, Uniformance 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 Uniformance 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 Uniformance Executive or just use the standalone KPI interface.
- Manage the KPIs by enabling/disabling or recalculating using a simple management interface.

All the Information Needed

Uniformance 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

Uniformance 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.

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, Uniformance 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 Uniformance Executive and accessible in its displays, while users can simply click through to launch the Uniformance 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.

For More Information

Learn more about how Honeywell's UKPI can easily manage KPIs, visit our [website](#) or contact your Honeywell account manager.

Honeywell Connected Enterprise

715 Peachtree Street NE
Atlanta, Georgia 3030

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The Honeywell logo, consisting of the word "Honeywell" in a bold, red, sans-serif font.