



NRX ASSET HUB™

Solution Brief

ABOUT NRX ASSET HUB™

The NRX Asset Hub™ is used by asset intensive companies to define, collect, transform, enrich, validate, deploy and sustain critical asset information for individual projects and sites, and across the enterprise. The NRX Asset Hub™ is an effective Asset Lifecycle Information Management (ALIM) solution that also provides bi-directional and auditable synchronization with SAP EAM.

The solution enables you to:

- Define the complete set of asset data and documents required to effectively commission, start-up, operate and maintain each asset class
- Collect asset information from many different sources including equipment vendors, EPCs, as well as internal legacy sources
- Transform asset information from many different formats and structures to the defined target standard
- Enrich the gathered asset data and content with supplemental information
- Validate the asset information accuracy and completeness
- Deploy the asset information for use to the enterprise applications used to run the business
- Sustain asset information integrity with an auditable management of change process



CURRENT AND FUTURE BUSINESS CHALLENGES

Operational Readiness for Capital Projects

Cost effective & timely collection and handover of asset information

Higher costs and excessive time to collect and handover asset information from projects to operations through traditional dump-truck method

Usability of asset information by business users without costly manual transformation

Lost revenue and increased operations and maintenance cost when information and materials are not ready or accessible for start-up; increasing the risk of increased downtime during ramp-up & delays reaching full capacity

Collaboration across a complex web of partners and systems

Operational and compliance risk increase significantly without proper data validation and the lack of an auditable or collaborative process for sharing information across parties during the capital project, commissioning, and start-up

Operational Effectiveness for Assets in Production

Integration of information across the enterprise and auditable Management of Change (MOC)

Operational risk, safety, and compliance risk grow when changes to assets, materials, and asset information are not distributed across engineering, operations, and maintenance systems; the information plant no longer matches the physical plant

Accessibility of asset information by business users

Increased downtime, lost revenue & increased cost; excessive time spent searching for Information and materials

NRX ASSET HUB™ FEATURES AND FUNCTIONS

Asset Hub Manager

- Intuitive and robust data management capabilities that support equipment, functional locations, classifications, materials, maintenance bills of material, maintenance strategies, maintenance plans and task lists
- Role based views ensure that users have access to the information most relevant to their job
- Data and documents can be linked at both an asset level and a classification/model level
- Standard Connectors and an open API framework allow information from multiple systems of record to be imported and managed in the Asset Hub staging area
- Content Editor is used to create and enrich maintenance manuals, operating manuals, spare parts recommendations and other OEM/Supplier documents

Asset Data Governance and Collaboration

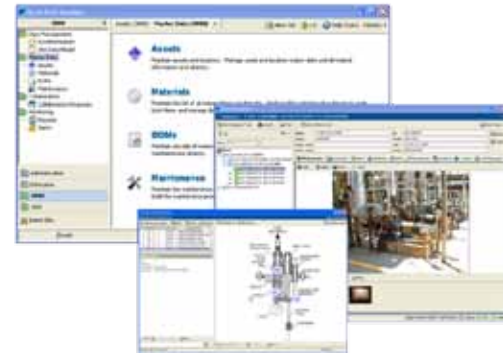
- Collaboration Portal enables the gathering of additional information from equipment suppliers and manufacturers through an auditable workflow
- Asset Data Governance module ensures changes to asset data are reviewed and approved in accordance with customer's business processes and an audit trail of all changes is maintained

Asset Information Auditors

- The Material Auditor and Plant Auditor allow mobile users to perform warehouse and plant audits and validate that the information plant matches the physical plant

Asset Hub Viewer

- Viewer enables data and content to be seamlessly integrated into end user work processes



Asset Hub is a Globally Endorsed Business Solution by SAP

ABOUT NRX

A TRUSTED BUSINESS PARTNER

NRX Global Inc. is the global market leader in Asset Lifecycle Information Management (ALIM) software. Leading companies in asset intensive industries use NRX solutions to dramatically reduce the time and cost needed to achieve full production on complex capital projects. For critical assets that are in operation, NRX solutions enable clients to significantly increase asset productivity and materially reduce operating, safety, and compliance risk and costs over the operating life of the assets.

NRX Global Inc.

150 York Street, 14th Floor
Toronto, ON
M5H 3S5
Canada

Headquartered in Toronto, Canada, NRX Global Inc. has representation in Australia, Canada, China, Europe, Latin America, the Middle East and in the USA.

Tel.: +1-416-368-4567

Fax: +1-416-368-9844

TF: 1-877-603-4679

www.nrx.com

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