



The Prometheus Roser STO suite is a set of easy-to-use applications designed to make the preparation of plant shutdowns and maintenance projects more efficient while increasing worker safety during execution. Each application in the Prometheus Roser STO suite is unique, flexible, and reliable. These software solutions can be used together, separately, or in combination with other systems.

Key Capabilities

The Prometheus Roser STO suite is made up of 12 different applications, each of which enhances part of the STO planning and execution process.



Scope-IT

This tool aids in assessing and analyzing work requests for an upcoming shutdown. Scope-IT shows you the various factors that may influence your decision, such as safety, budget, and environment.



Systems-IT

This module serves as a complete software application suited for preparation, maintenance, and execution of work packages. Templates enable easy preparation and estimation of planned activities including material.



Blind-IT and Blind-IT Mobile

Assess, follow up, and manage all your lockout tagout (LOTO) activities, with all data maintained in one central, project-independent environment. Blind-IT Mobile offers the same functionalities, but across an entire plant.



Weld-IT

Weld activities and related non-destructing testing can easily be followed up with Weld-IT, which has been specifically designed for preparation, execution, and quality control of welding.



View-IT

This module ensures you are always up-to-date with the actual status of scheduled work. The tool allows you to track real-time data on multiple levels and in different layouts.



Permit-IT

The solution for preparing and releasing permits to work. Integrated in the Roser suite, this tool links directly with underlying data, increasing efficiency in permit set-up and ensuring data isn't overlooked.



Supply-IT

A complete module for managing, maintaining, ordering, and releasing materials. Import materials from your ERP and add more details. Everything can be defined in one system, from the bill of materials to tools and consumables.



Bid-IT

Send, receive, and compare quote requests and tenders based on the scope information in Systems-IT. Bid-IT enables you to add all required scope information in the Estimation module of Systems-IT, ensuring you determine what the contractor needs to include in the offer.



Exchange-IT

The Prometheus Roser suite's middleware module, Exchange-IT allows you to easily synchronize data between the Prometheus Roser Catalog and your ERP system. This ensures you are always working with the most recent data.



Key Capabilities Continued



Change-IT

Fully digitalize your management of change (MoC) process with Change-IT. The application digitally guides you through the MoC process in a workflow that's fully configured to your work process.



Catalog

This is the heart of your Roser suite applications with all data stored in this central database. Catalog is also the seat of user management, allowing administrators to assign roles to each individual user.

Advantages

- More than 700 turnaround projects successfully executed around the world.
- Roser's Microsoft Azure cloud protects your data in a safe environment.
- Each department can enrich scope requests with relevant information, like documents, budgets, or risks.
- Stay on track with s-curves, histograms, and management reports.
- Checks and digital signoffs are registered and made visible in status views and reports.



The **Scope-IT** module of the **Prometheus Roser STO** suite helps you establish a justified scope of work, ready for the execution phase. Extensive report options provide insight into your scopes and make them traceable. Scope requests are clustered and provided with important data, such as information about materials and digital documentation. The tools available in **Scope-IT** make the scope challenge an easy and intuitive process.

Key Capabilities



Enter scope costs and maintain control over the scope budget



Import and export functionality enables data exchange with your ERP system



Similar scope requests can be combined without loss of detailed information



Create your own risk matrix in **Scope-IT** for automatic risk analysis



Parent-child functionality enables you to combine related scopes



All collected information is exported to form the basis of work preparation

Extensive report options provide insight into your scopes and make them traceable.

Advantages

- Gain early insight into costs, budgets, and required preparation hours with configurable templates
- All scope information available in one screen
- Risk matrix that shows the risk relations for executing your scope in a graphic overview
- Direct link between **Scope-IT** and **Systems-IT** enables an easy transfer of scopes
- Risk matrix configured to the standards of your organization

Systems-IT makes it possible for different disciplines to work in the same system or scope item simultaneously. This guarantees that the knowledge of every specialist is used optimally. By exchanging data with ERP systems and scheduling tools, you register all your processes in detail up until the plant start-up.

Key Capabilities



All parties involved in the STO work in the same system



Real-time status overview of preparation and execution



Accessible follow-up of the preparation and execution phase allowing you to identify trends and adjust accordingly



Built-in quality assurance, as every scope item can be followed up individually and processed as part of a larger system



All feedback evaluated by a central user, ensuring transparency, and preventing surprises during execution

This guarantees that the knowledge of every specialist is used optimally.

Advantages

- Estimate costs per scope item with all information collected and stored
- Work preparation and progress follow-up during execution in one system
- Connect related scopes via the parent-child functionality
- Various interface options with ERP and scheduling tools
- Multiple import and export options available
- Interactive review and input options by and for all disciplines
- Create and print indexed work packages digitally or in hardcopy



Schedule-IT is the planning and scheduling workhorse of the Prometheus Roser STO suite. Lead times, relationships between jobs, calendars, phases, and even milestones are prepared in Systems-IT. In Schedule-IT, these items are collected, adapted, and finally added to your schedule. Your progress and schedule are directly linked, which makes it easy to adjust data. Schedule-IT guarantees control.

Key Capabilities



Schedule-IT is fully integrated with Systems-IT, making it easy to compare the progress sign-off in Systems-IT with the planning in Schedule-IT



Practical and intuitive design means schedules are easy to create



Schedule-IT allows you to view and create s-curves and critical path analyses



Import and export functionalities for both Primavera and Microsoft Excel



Change tracking functionality prevents surprises in your schedule and provides a clear overview

Your progress and schedule are directly linked, which makes it easy to adjust data.

Advantages

- Resource leveling for optimal planning
- Flexible design of key performance indicators
- Set up work schedules and working hours by contractor
- Filter and display options ensures each role can only view relevant information
- Create snapshots to compare the actual situation with the baseline or for developing scenarios
- Real-time scheduling data visible in Systems-IT for all users



Blind-IT is a powerful tool for complete management and overview of all lockout tagout (LOTO) activities. Once the data is collected, it resides in a project-independent environment. This means the data can be used for multiple projects and daily maintenance, extending its use past the end of the STO event. This functionality allows you to compile a set of blind lists for a specific project efficiently, without reinventing the wheel. Blind-IT mobile offers the same capabilities but can be taken with you into the field.

Key Capabilities



Use templates when creating blind lists to avoid unsafe situations



System automatically alerts you to illogical relations



Check the status and progress of blind lists in various ways, such as via a wallpaper or directly per blind point



Built-in checks ensure work quality once you arrive at the commissioning phase



Create master blind lists to function as templates for project blind lists. This saves time and the standardization prevents mistakes and confusion



Assess and display required materials in various ways, for example by contractor, phase, or type

Data can be used for multiple projects and daily maintenance, extending its use past the end of the STO event.

Advantages

- Integrated with work prep in Systems-IT, allowing for easy calculation of work hours and lead times of isolation activities
- Supplement blind points with maintenance data, such as gasket type, bolts, and torquing
- Review and release blind lists, phases, and individual blind points digitally
- Extensive report options, configured to the needs of your organization
- Design custom labels based on personal specifications
- Set up blind lists in the piping and instrumentation diagram if desired

Weld-IT can be used standalone or as part of the Roser suite to obtain clear information management of welders and their qualifications, as well as welding-related non-destructive (NDE) testing. All involved parties, from contractors to weld inspectors, work together in one central environment. This ensures you are always aware of the general status, the work progress, and the linked release.

Key Capabilities



All parties work in one central environment to sign off progress and the status of weld activities



Required documentation is digitally present or retrievable, making it easy to create and release a fabrication book



Gain insight into the number of upcoming weld and NDE activities and maintain an overview of the progress during execution



All information regarding welds that need to be inspected is collected in one central location, including technical information and documentation



Create NDE requests in advance. The NDE requests only become visible to the contractor when released

All involved parties, from contractors to weld inspectors, work together in one central environment.

Advantages

- Intuitive and intelligent setup of the Line Inspection Summary Lists
- Various report options and digital compilation of fabrication books
- Detailed insight into the progress of the quality analysis/ quality control status and weld activities
- Material certificates can easily be retrieved and linked
- Multiple contractors can work in their own environment, in the same project simultaneously
- Data of executed projects remain available digitally and can be retrieved directly

View-IT serves as the digital wallpaper of the Prometheus Roser STO suite, keeping you updated on the status of scheduled work. The application can be used as a supplement to Systems-IT and uses wallpapers to visualize Systems-IT data. Optionally, you can track real-time data on multiple levels and in different layouts. All departments profit from the adjustable timeline and the actual job information.

Key Capabilities



Data streams are presented visually, making them comprehensible for all users



Every adjustment is logged in real time, meaning the most recent status is always available



Configure wallpapers to the user, ensuring each user only sees relevant data



Easily gain insight into which jobs can start using the “Jobs to Start” icon



Interactive set-up enables you to directly approach the underlying data

Track real-time data on multiple levels and in different layouts.

Advantages

- Various types of wallpaper are available, including the dynamic and timeline wallpapers
- View-IT can be displayed as a standalone application, independent of the other Prometheus Roser STO suite applications
- Player shows the different wallpapers of the various applications in succession. You can set the interval and order
- Customize your wallpapers to show exactly what you need with powerful filter, sort, and display options

Integrated in the Prometheus Roser STO suite, Permit-IT is the tool for preparing and releasing permits to work. An efficient and safe permitting system, the smart barcode system means permits can be processed even faster. Each permit receives a barcode that can be scanned to see the permit's status. Special markings make the permits easily retrievable, preventing long lines at the permit desk.

Key Capabilities



Direct relation with underlying data, preventing critical information from being overlooked



Permit wallpaper ensures all parties can keep track of current work process



Permit system, including authorization models, uses the rules and regulations set by your organization



Identify logical order of permits. Selected checkboxes inform the application which additional document needs to be activated



Use smart filters to cluster multiple tasks divided over multiple work packages on one permit. This drastically reduces the number of permits needed

Each permit receives a barcode that can be scanned to see the permit's status.

Advantages

- Visualize the work process with the intuitive workflow designer
- Customize the layout of your permits with the template designer
- Transparent authorization model provides insight into tasks and responsibilities
- Simple release of permits with the release manager
- Bulk print option enables you to print multiple permits simultaneously, based on your activated filters
- Easily track the release and status of the permits with the wallpaper

Supply-IT can be used as a standalone application or as part of the Prometheus Roser STO suite for management, release, and expediting. Supply-IT ensures control over your materials, tools, and consumables. Everything related to materials can be defined in one system, including bills of materials. The solution also allows you to import all materials from your ERP and then add more details as needed.

Key Capabilities



Digitally link certificates and inspection reports to materials and tools, making searches easier and more efficient



Save all items and meta data and make them instantly available for work preparation, execution, and inspection



Combines everything involving material management, from expediting to stockpile management



Link pipe specifications to your article numbers for more efficient work preparation



Link bills of materials to work packages, resulting in an overview of relevant materials



All materials available in the Prometheus Roser STO suite are maintained in Supply-IT

Supply-IT ensures control over your materials, tools, and consumables.

Advantages

- Maintain your material certificates digitally
- Link article numbers to specifications, aiding work preparation
- Numerous report and display options provide overviews of all materials
- Insight into inspection due dates
- Combine with Weld-IT to link materials and related certificates directly to a fabrication book for weld activities

Bid-IT gives you the power to send, receive, and compare quote requests and tenders based on the scope information in Systems-IT. You determine what the contractor needs to include in the offer, ensuring your bid requests will always be sent and returned in a standard format. This makes it easy to compare prices and manage adjustments in the quote requests. Once a quote request has been approved, the price information will instantly be processed in Systems-IT.

Key Capabilities



Compare the prices and hours of different contractors at a glance



Applicable prices and hours can directly be imported in your work package when selecting a contractor



Follow up the status of a quote request with minimal effort



Use the basis of a request for multiple contractors simultaneously



Filter options let you generate quote requests to fit your specific needs



Create and select the required deliverables and indicate who will be responsible for them

You determine what the contractor needs to include in the offer, ensuring your bid requests will always be sent and returned in a standard format.

Advantages

- Maintain quotation requests digitally
- Start quotation requests in the work packages, based on a certain status of the work preparation
- Minimal risk by use of revision management and identifying adjustments
- Clear visibility on the status of requests
- Create new exports with the same settings and jobs by making a copy of your last request

The usage of multiple data systems often raises a lot of questions: Do all systems work together properly? Which system offers the best results? By using the Prometheus Roser Exchange-IT middleware module, you can easily synchronize data between the Roser Catalog and your ERP system. This ensures you will always work with the most recent data. Exchange-IT guarantees integrity of your data.

Key Capabilities



Data exchange program offers simple and effective maintenance for all asset data



Create export files, suitable for use in your ERP system and vice versa



Import work orders and notifications from your ERP system for further use in the Prometheus Roser STO suite



Seamlessly interact with Microsoft Access and Excel. Data in these programs can easily be exchanged

Easily synchronize data between the Roser Catalog
and your ERP system.

Advantages

- Clear and straightforward user interface prevents mistakes
- Always configured to your needs. Each setup is based on your situation and business rules
- Keep items and bills of materials up-to-date
- Maintain all supplier and procurement data

The Prometheus Roser Change-IT module fully digitizes your management of change (MoC) process. Changes to processes can affect safety, welfare, environment, and performance. Vital information may be overlooked if these elements are not properly documented. Change-IT serves as a digital guide to the process, ensuring you remain in control of the entire procedure.

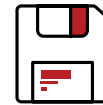
Key Capabilities



Process change requests in dynamic forms that guide you through the process



Built-in review functionality assures the quality and progress of your change process



Save historical data and make it easily retrievable



Digitally add supporting documentation during different stages of the process



Automatically request input of different users when a certain process status is reached

Vital information may be overlooked if these elements are not properly documented.

Advantages

- Visualization of your work process via a dynamic workflow diagram
- Graphic dashboard provides clear information about current status
- Focus on management of change content by smart guidance of the process, based on risk and complexity
- Create complete dossiers, including all requirements for the assessment and decision process
- All MoC requests are reviewed with discipline specific checklists, ensuring fast and easy completion

Catalog is the heart of the Prometheus Roser STO suite. All data about your plant is stored in this central database. Information can be maintained directly from the Catalog or from the general settings of your Prometheus Roser applications.

User management is central to the Prometheus Roser Catalog. Here the administrator can assign roles to each individual user, ensuring the information they access is relevant to their tasks and duties.

Key Capabilities



Assign responsibilities or custom roles



Maintain all plant data in the central catalog, guaranteeing a solid basis for every project



Check newly created projects and ensure your work conforms to current conditions



Use print templates to create indexed work packages



Report designer enables you to create your own handover, material, and Scope-IT reports

The administrator can assign roles to each individual user, ensuring the information they access is relevant.

Advantages

- Maintain your job library and resources, the basis of your work packages
- Create calendars and maintain the interface with Primavera P6
- Gain insight into the number of users in the Prometheus Roser STO suite applications over different time periods
- Decide what data is shown in which report and how the report is set up visually

The Prometheus Roser STO Suite streamlines and improves every stage of the shutdown, turnaround, or outage process, from planning through execution and re-start. Learn more about how the Prometheus Roser STO suite can help your organization.

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