



# OpreX™ Informatics Manager

## Information Integrated Solution

# Yokogawa's Information Integrated Solution

OpreX™ Informatics Manager is an integrated laboratory information solution that not only digitizes research notes of each laboratory, but also connects R&D laboratories, life sciences production departments, quality control departments, and quality assurance departments through project management and document management functions. By providing subscriptions through cloud services, we reduce our customers' operational costs and workloads, and enable management including performance management of various users with this software alone.

To prevent security breaches, which have become an issue in recent years, we use multi-factor user authentication and access control functions to ensure strict protection of confidential information and compliance with regulatory and industry standards. We support the optimization of people and equipment resource management in laboratories from the perspective of skills and schedule.

## OpreX™ Informatics Manager

### Unique Features

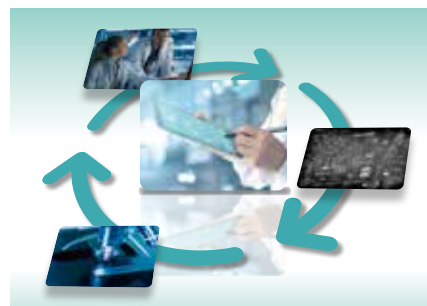
#### Feature 1: "Information Integrated Solution" that transcends departmental barriers.

As research notes are digitized and integrated with project management and document management functions, this integrated laboratory information solution connects not only R&D laboratories, but also life science production, quality control, and quality assurance departments.



#### Feature 2: Resource management of people and equipment is realized.

We support optimization of people and equipment resource management from the perspective of skills and schedule to manage your operational costs and workloads.

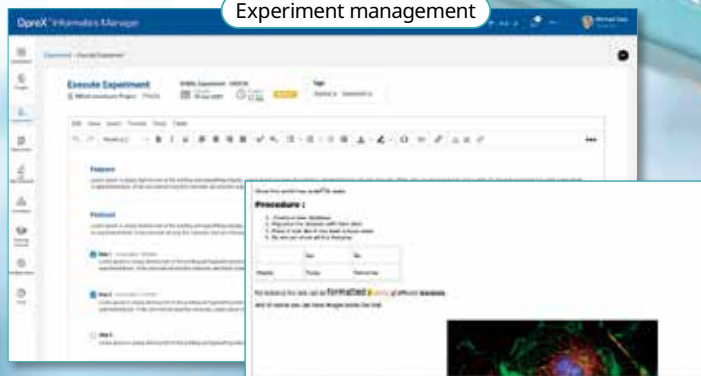


#### Feature 3: Data security and privacy protection in compliance with regulations.

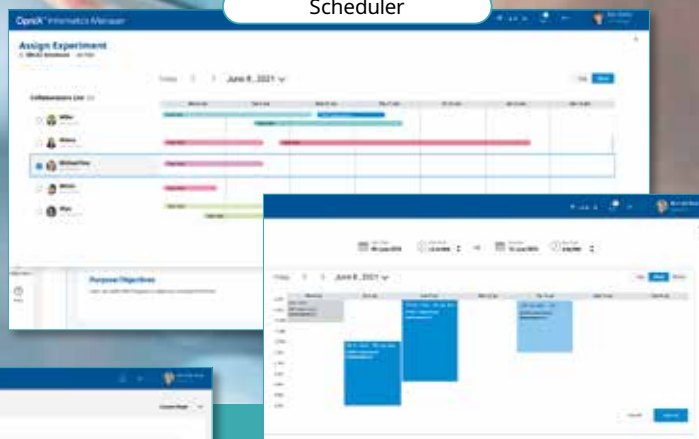
We use multi-factor user authentication and data access control functions to ensure strict protection of confidential information that complies with regulatory and industry standards.



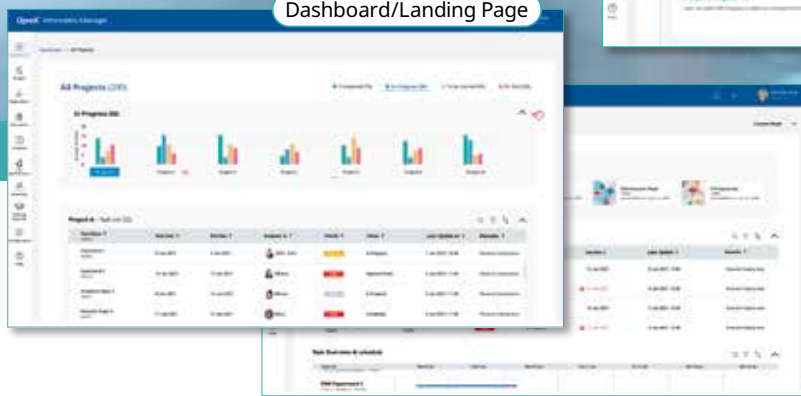
Experiment management



Scheduler



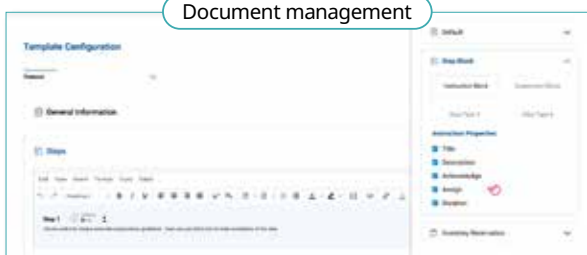
Dashboard/Landing Page



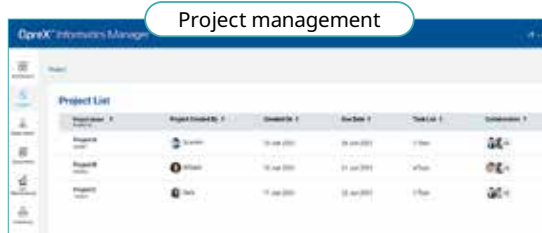
Drawing Editor



Document management



Project management



Screen (subject to change)

Functions	Subitems
Dashboard	Projects, task progress, schedules, notifications, activities, etc.
User authentication	Multi-factor authentication
User management	User registration/deletion, group creation, skill management, access rights management, etc.
Project management	Project creation, editing, user and task management per project, etc.
Task management	Experiments, documents, protocol creation and execution, etc.
Document management	Documentation, import, export, text editing, update history management, etc.
Search function	Document search, content search, personalized search, saved search results management
Workflow management	Workflow creation, editing, etc., including various tasks (experiments, documents and combinations thereof)
Scheduling	User scheduling, instrument reservation, reagent reservation, etc.
Inventory management	Inventory management of instruments, reagents and samples, instrument configuration management, registration and editing, etc.
General function	Notifications, printing, data backup and restore, configuration management and integration capabilities to coexist with other applications
Compliance	Electronic records, electronic signatures, time stamps

## Application examples

OpreX™ Informatics Manager is a flexible and efficient software solution.

- Supports research data integration/mining and scheduling for new drug development in the pharmaceutical industry.
- Improves competitiveness in the petroleum/chemical industries by automating equipment/material management and strategic research activities.
- Promotes quality improvement and gaining trust in the food industry by sharing quality control information and tracking samples.
- By digitizing laboratory notes and organizing and managing analysis data, the environmental analysis industry can improve its ability to respond to environmental issues.
- Supports efficient research in the material development industry through research data integration/mining, and project management.
- Integration/mining of genetic information and protein data in the biotechnology industry, as well as automation of business management.
- Facilitates efficient management of the nanomaterial research data and collaboration between different disciplines in the nanotechnology industry.
- Enhances competitiveness in the energy industry through research data integration/mining and strategic research activities.



**OpreX™** Through the comprehensive OpreX portfolio of products, services, and solutions, Yokogawa enables operational excellence across the enterprise.

### YOKOGAWA ELECTRIC CORPORATION Life Business Headquarter

<https://www.yokogawa.com/solutions/products-and-services/life-science/oprex-informatics-manager/>

Email :Inquiry\_Informatics\_Manager\_GLSales@cs.jp.  
yokogawa.com



Represented by:

[Ed:01/d]

Printed in Japan, 306 (KP)

Trademarks  
All brand or product names of Yokogawa Electric Corporation in this bulletin are trademarks or registered trademarks of Yokogawa Electric Corporation.  
All other company brand or product names in this bulletin are trademarks or registered trademarks of their respective holders.  
Subject to change without notice.  
All Rights Reserved. Copyright © 2023, Yokogawa Electric Corporation