

# Laboratory Operations Management Platform

Make Labs Easy with Digitalization & Al

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SciOne Asia Rep

18-Nov-24





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02 PRODUCTS & SERVICES

03 CUSTOMER CASES





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O2 PRODUCTS & SERVICES

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#### **About SciOne**



Founded in 2016 (Garage in New Jersey)



**Shanghai** (HQ)



Hangzhou (R&D)



**100+ Employees** (60% R&D)



80+ IPs



200+ Lab Customers 8000+ Medical Institutions



**Inventors** 









### **Partners**





















#### **Representative Customers**































150,000+ Equipment

200,000+ Chemical SKUs

20,000+ Monitored Devices



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### **Great Research Starts with Great Lab Management**



#### **R&D** Innovation

- New materials
- New drugs

#### **Lab Management**

- EHS
- Equipment
- Chemicals
- Sample Management
- Test Recording
- Documents
- Regulatory Compliance

**50%+** scientist time spent on low-value tasks

**80%+** lab processes are under-digitalized

**50%+** process data are not captured

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#### SciOne OS – Power Modern Labs



Oversee all metrics from any devices, anytime, anywhere.





#### **SciOne Guardian** TM

Fully control your labs with monitoring & analytics



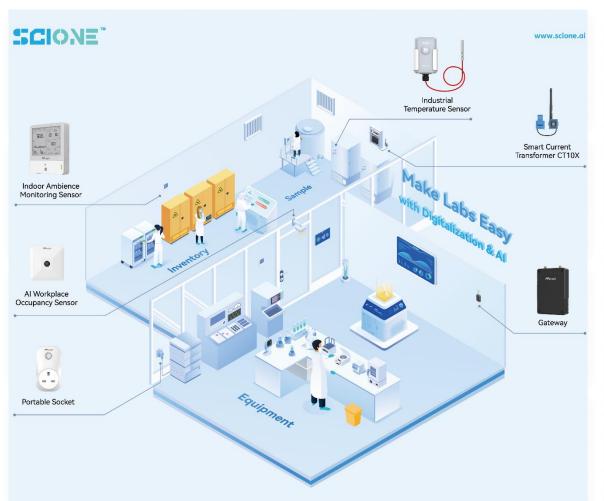
#### **SciOne Guardian – Overview**

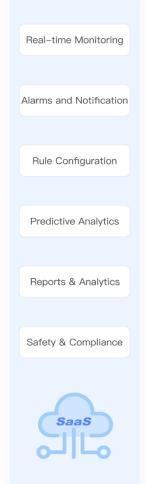
#### Monitoring IoT Devices

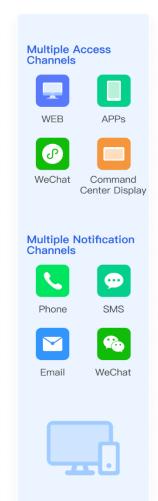


SaaS Platform









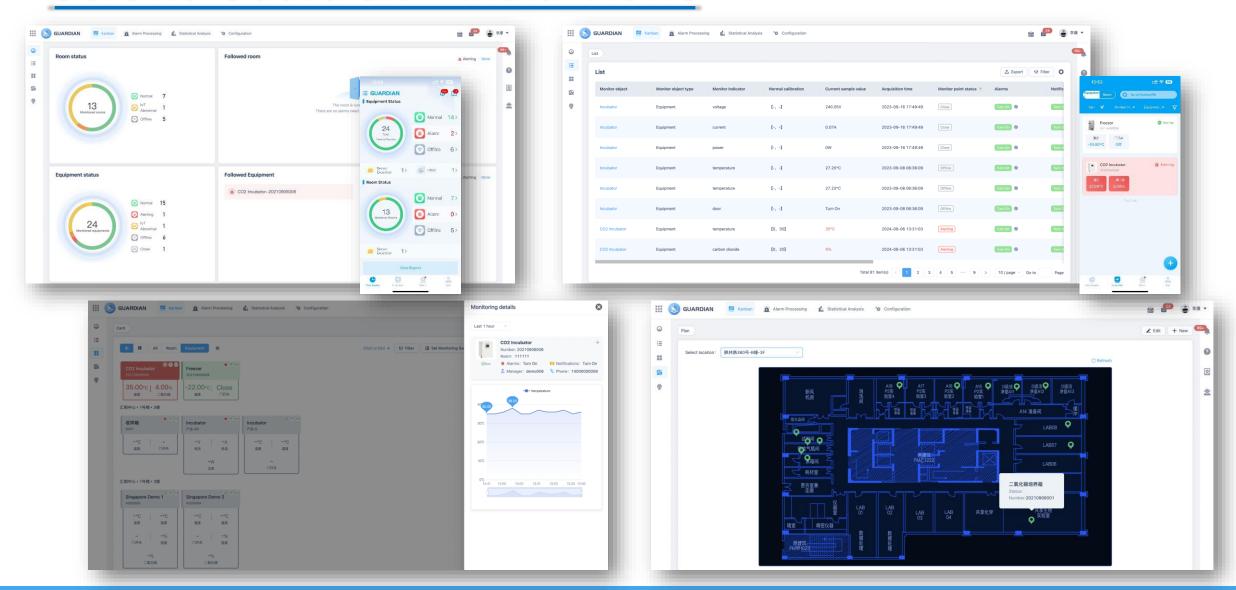
from
ANY DEVICE
ANYTIME

**ANYWHERE** 

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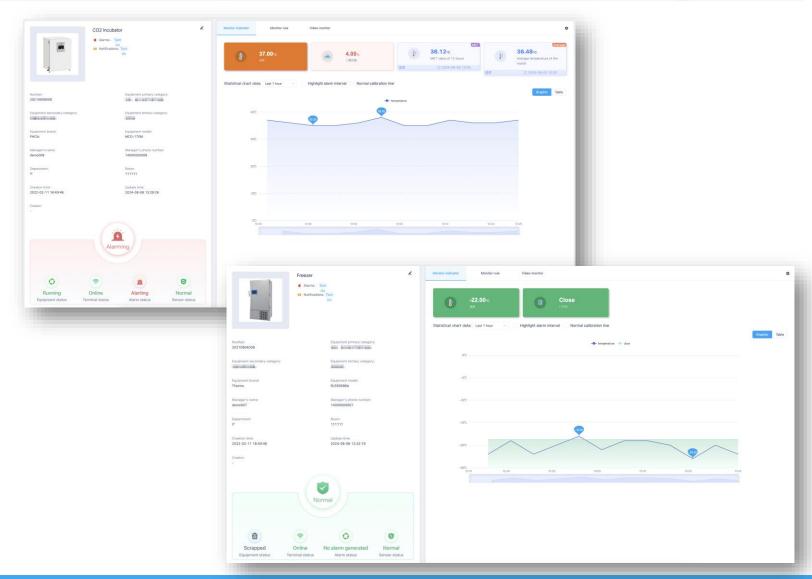
#### **SciOne Guardian – Multi Views**



# SCIONE Data

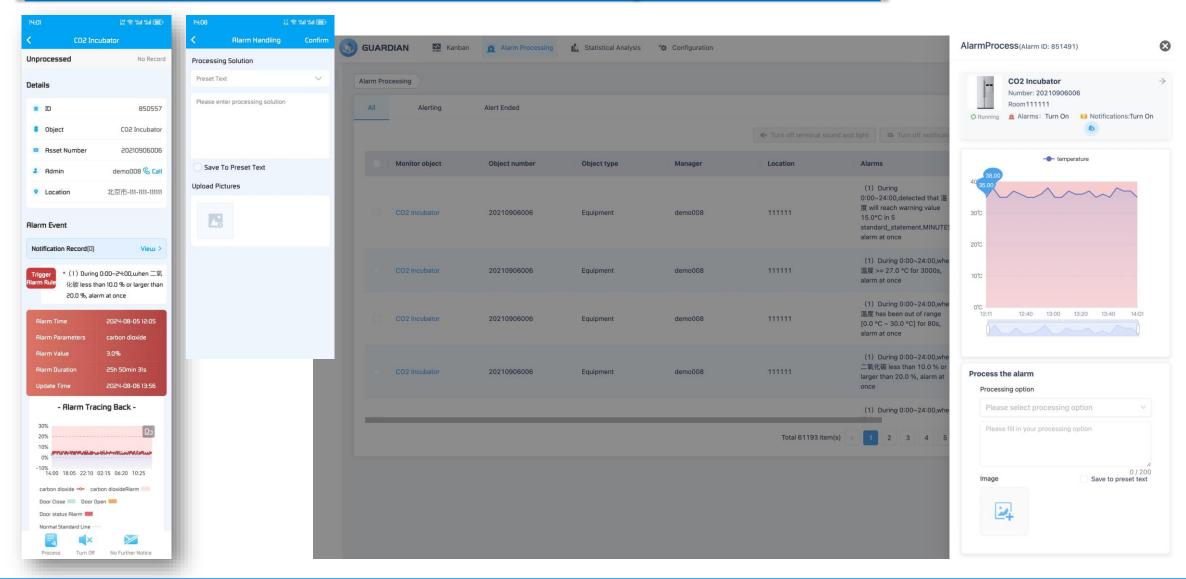
# SciOne Guardian - Comprehensive Monitoring Data







### SciOne Guardian - Close-loop Each Alert





#### **Installation Guide (Freezer/LN2 Tank)**









1-Door Freezer

2-Door Freezer

2-Door Freezer

LN2 Tank



#### Installation Guide (Incubator/Shaker)



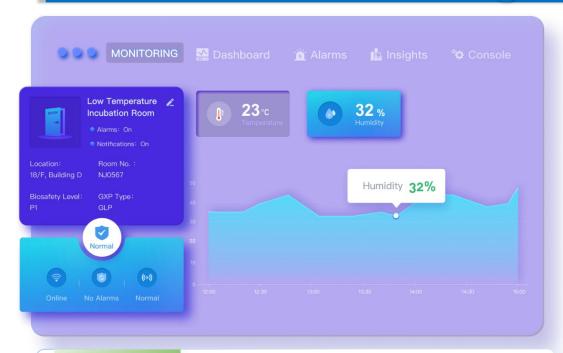




Incubator Incubator Interior Shaker



### SciOne Guardian – Highlights & Value



80%

Average manual recording & reporting time reduction

90%

Risk decrease for lab accident due to fire, gas leakage, etc.,



Wireless sensor connection, easy for installation and service



Immediate action on underlying issues with highly customizable contextual alerts

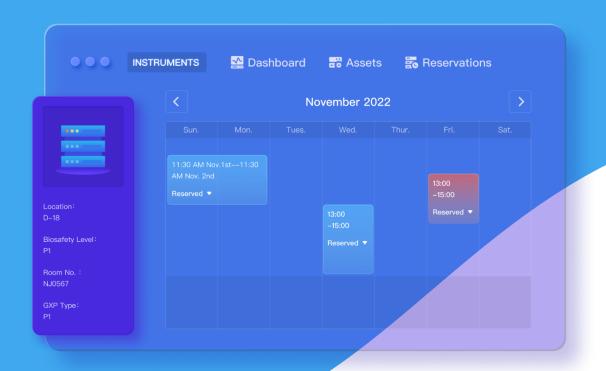


Monitor and adjust for environmental variables in the laboratory



Establish of historical record without additional effort





### SciOne Asset Manager TM

Maximize the value of each instrument



#### SciOne Asset Manager - Overview

#### **Asset Ledger Management**

Life Cycle Management

(Procurement, Installation, Verification, Operation and Disposition)

Equipment Sub-modules Equipment Documents

Asset Inventory Scan

Asset Analysis

Standard Instrument and Equipment Library

#### **Utilization Rate Analysis**

Equipment Operation Status Dashboard

Utilization Labeling Utilization Analysis

Non-intrusive Utilization
Data Collection

Customized Utilization Configuration

#### Maintenance & Repair Management

Routine Inspection Services (Routine Inspection, Verification, Calibration,

Maintenance Management Work Order Customization

SLA Work Order Procedure

Automatic Creation of Work Order

#### Instrument Sharing & Reservations

Resource Management

Flexible Sharing

Reservation Calendar

Reservation Notification

Usage History



#### SciSocket

Non-intrusive Utilization Rate Collection

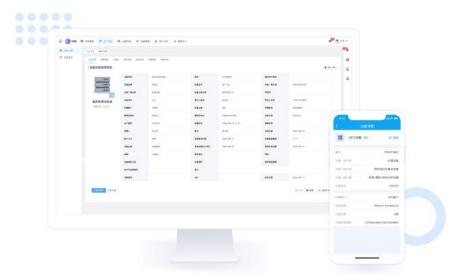


#### Handheld RFID Device

Support Rapid RFID Inventory Scan

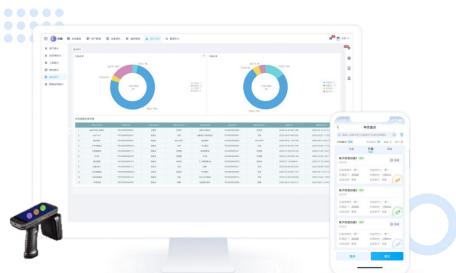


### SciOne Asset Manager – Asset Inventory



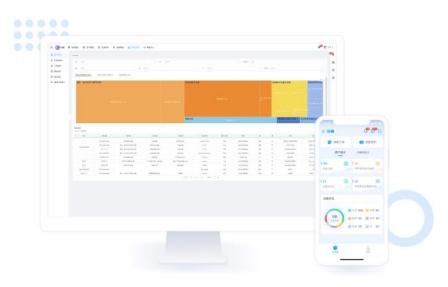
#### **Asset Ledger Management**

Full traceability with comprehensive information



#### **Asset Inventory Scan**

Intelligent, efficient and accurate Inventory Scan



#### **Asset Analysis**

One portal for instrument management, View Data to understand the overall status



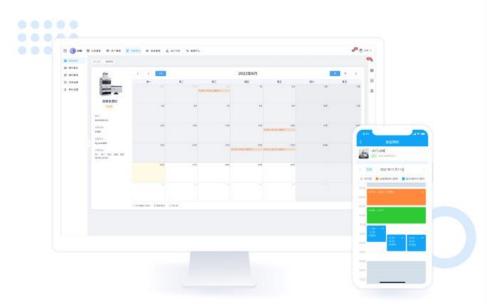
### SciOne Asset Manager – Asset Utilization



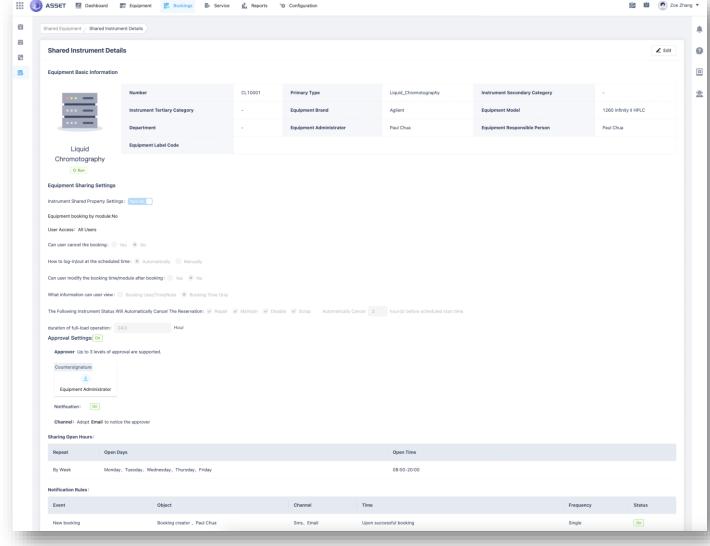
Non-intrusive power data collection & Al model based utilization calculation



### SciOne Asset Manager – Asset Booking

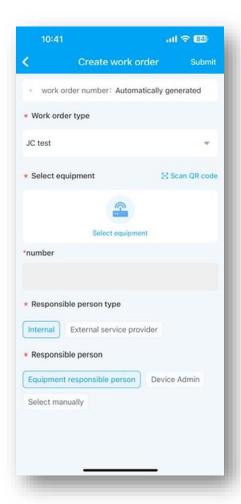


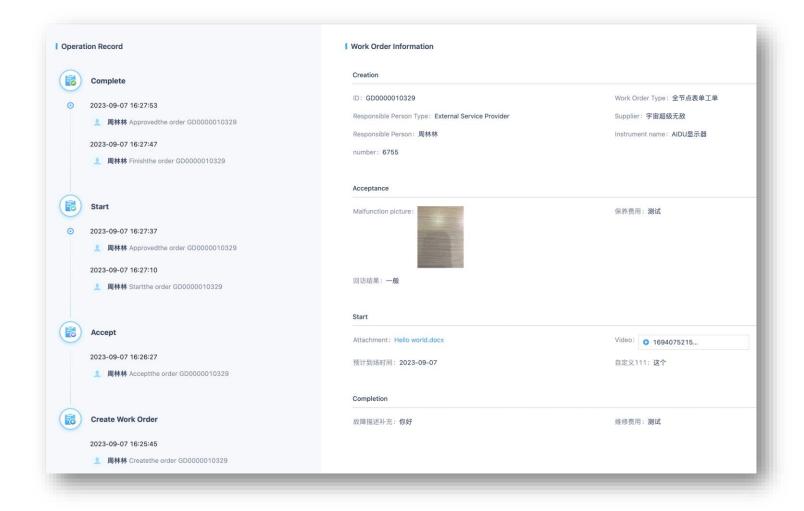
Online Instrument Sharing & Booking One-Click booking, detailed configurations, efficient management





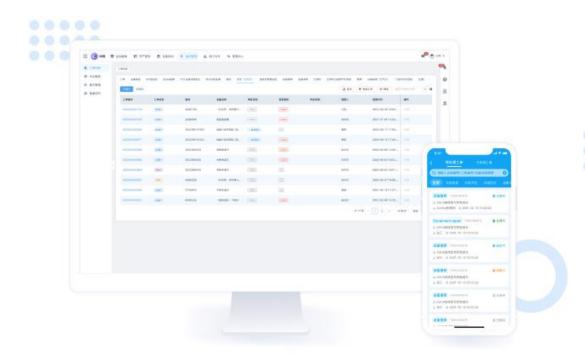
### SciOne Asset Manager – Asset Services







### SciOne Asset Manager – Asset Maintenance

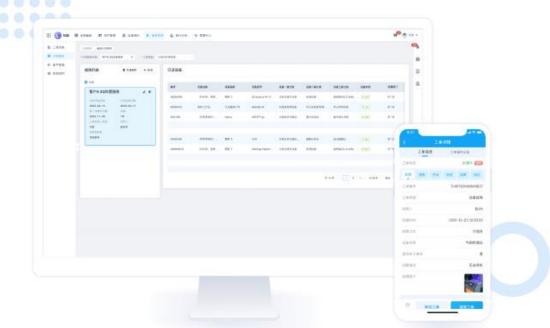


#### **Maintenance Management**

Service process & records with full traceability

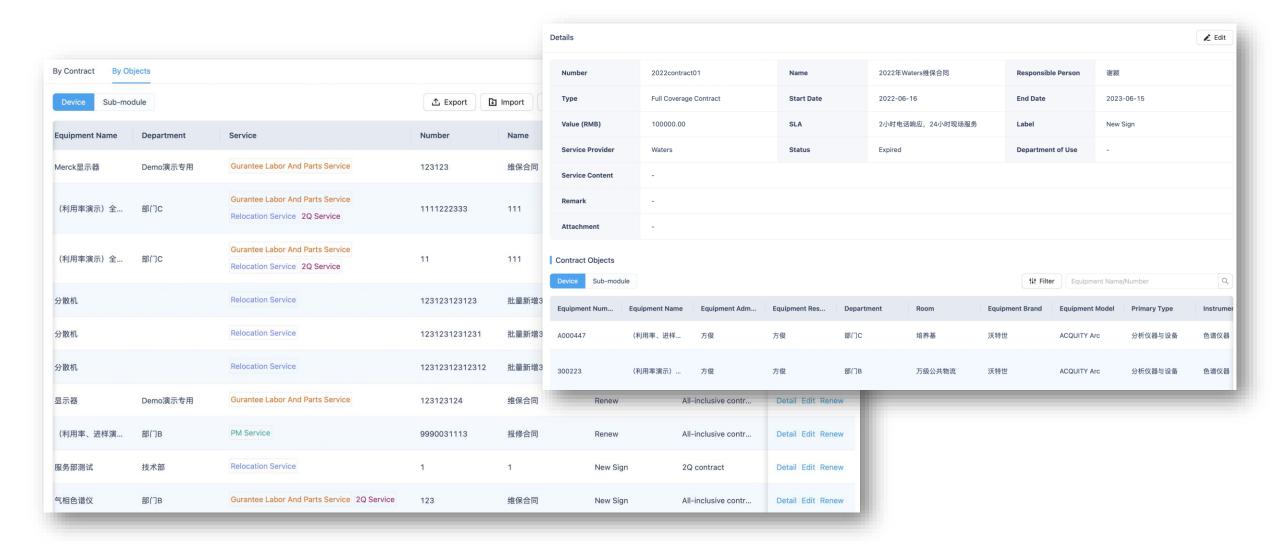
#### **Planned Service**

Replace repair with regular maintenance to achieve highly efficient operation



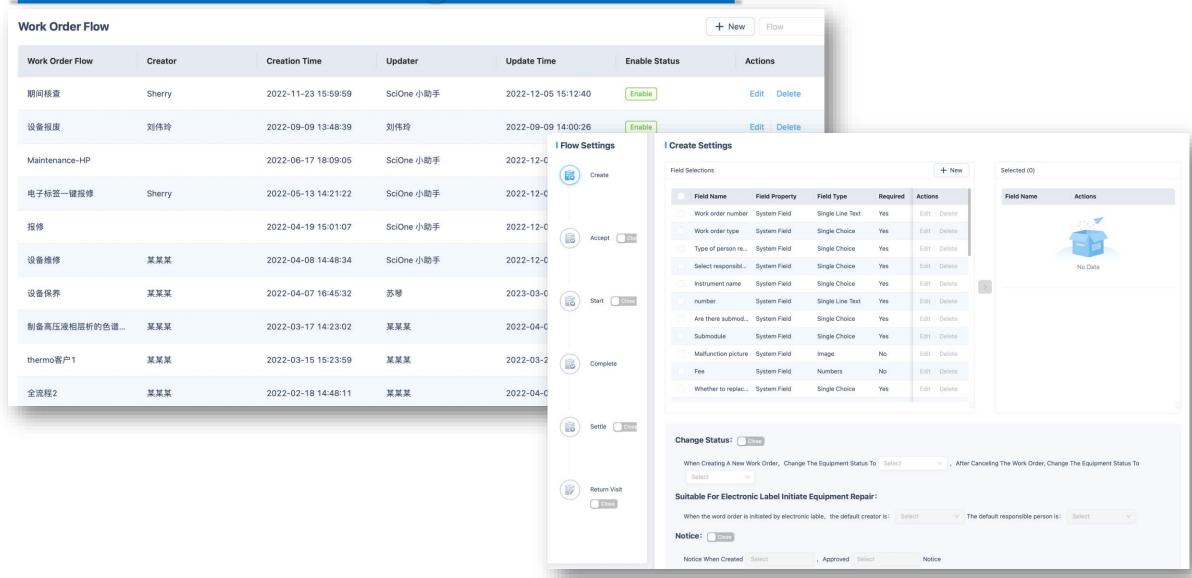


# SciOne Asset Manager – Contract Management





#### SciOne Asset Manager – Workflow





#### **SciOne Asset Manager – Compliance**

Equipment Ledger Logs

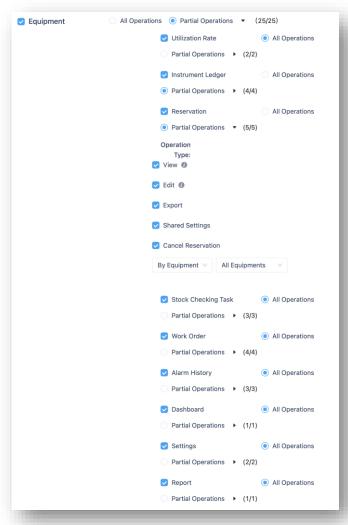
Utilization Configuration

III Inventory Logs

Reservation Logs

er Loas

Modify Date - Time



Work Order Logs 2023-08-04 16:03:07 10013038 18368511226 Export Logs 测试暂存新产 2. Service Provider Logs 2023-08-04 16:03:05 品-1675417722382 Maintenance Contract Logs 2023-07-18 15:12:57 17826808739 18621816323 x0001-1669344766136 1, -2023-07-12 13:36:55 x0001-1669344766136 1, -2023-07-12 13:36:42 10013068 18115169492 Electronic Signature Settings New analytic repor Account undate · Create, edit, delete user in user managemen

Operator's Phone

Equipment Number

Audit Logs

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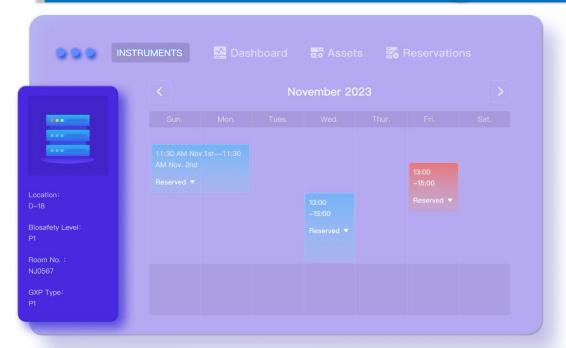
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Electronic Signature

**Permission Control** 



### SciOne Asset Manager – Highlights & Value



25%

Average throughput increase

30%

Average reduction on capital spend and service cost



Life-cycle management, from budgeting to disposal



Asset utilization, scheduling & booking with ease

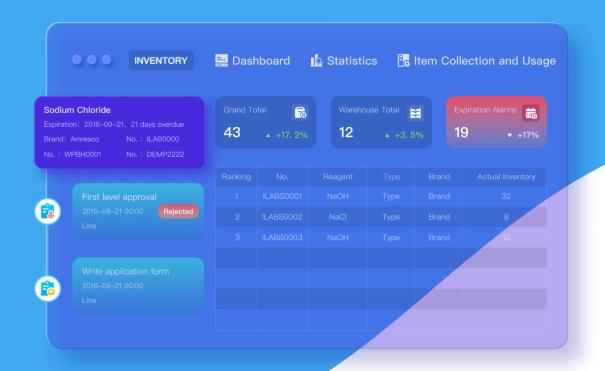


Reduce spending from unnecessary assets and service contract



Optimize your maintenance forecast with data and AI





# SciOne Inventory Manager

Efficient and compliant inventory management



#### SciOne Inventory Manager – Overview

**Chemical Management** 

Standards Management

**Spare Parts and Consumables Management** 

#### **Basic Inventory Information**

Item Categorization

Inventory File

Storage Location Management

Chemical Database (MSDS)

Fields and Rules Customization

#### Full Life Cycle Management

Requisition, Procurement In-warehouse Operation

Requisition、 Check-in、Checkout

Return Disposal

Inventory Scan, Adjustment

Approval Procedure Customization

#### Safety and Compliance & Alert

Audit Trail

Rule Config
(Inventory Alert、Illegal Check-out、Rule Config.、Storage、Etc.)

Standard Setting
(In-warehouse and Ex-warehouse
Operation、Hazardous Chemical
Procedure、Etc.)

Smart Alert

#### Reporting and Analytics

Inventory Analysis

Cost Analysis

Trend Analysis

**Smart Suggestions** 

Hardware



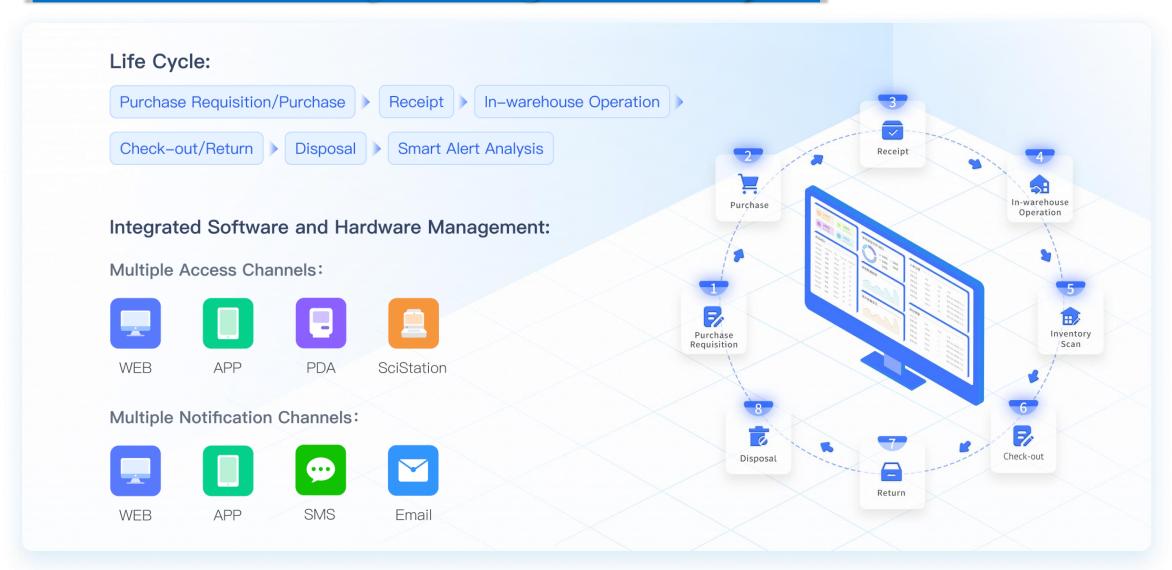






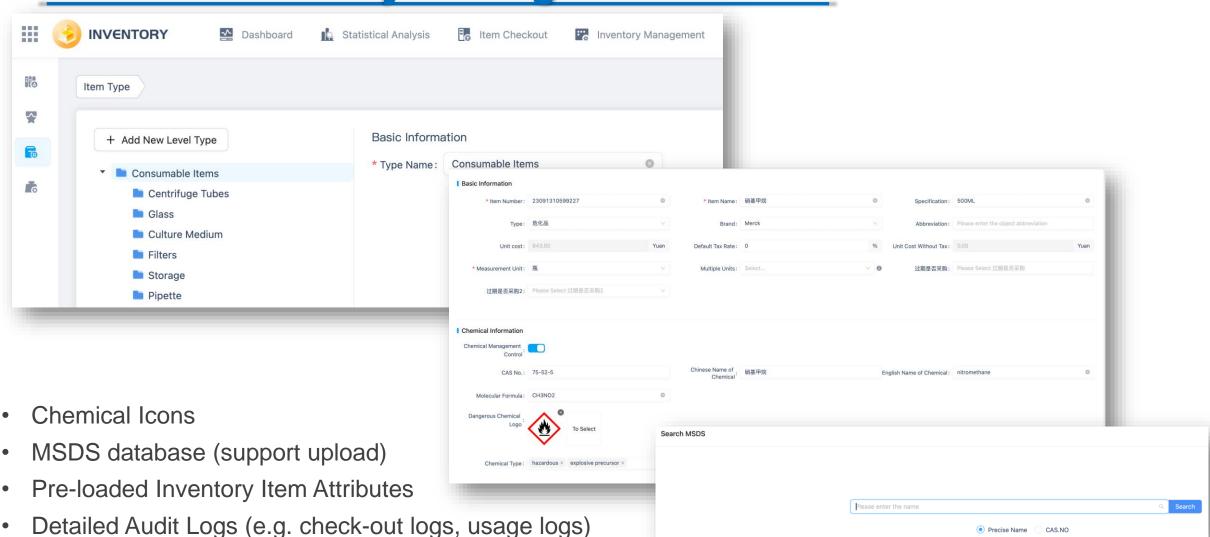


### SciOne Inventory Manager – Lifecycle



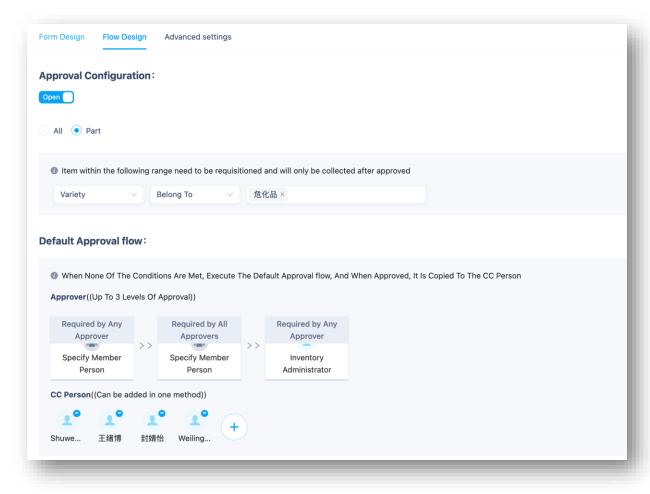


#### SciOne Inventory Manager – Item Info





### SciOne Inventory Manager – Workflow





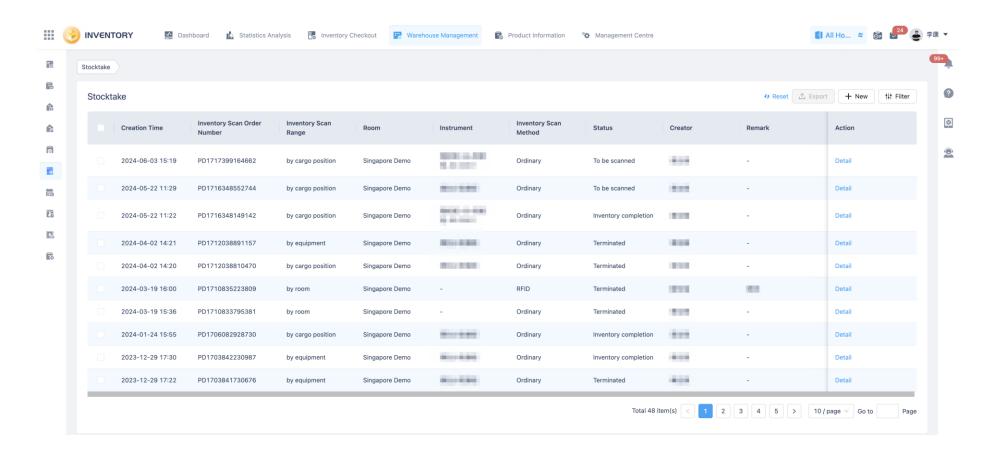


Flexible Workflow Definition

Request & Approval



#### SciOne Inventory Manager – Stocktake

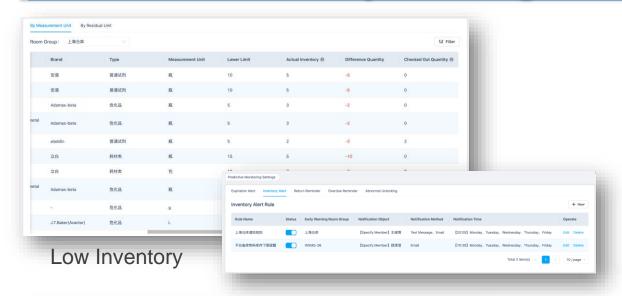


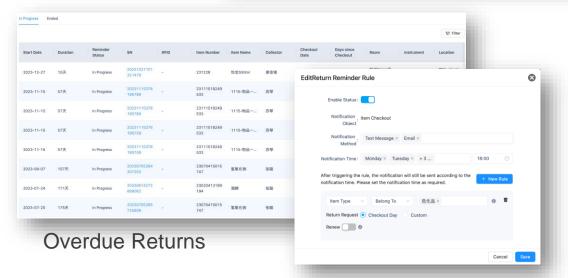


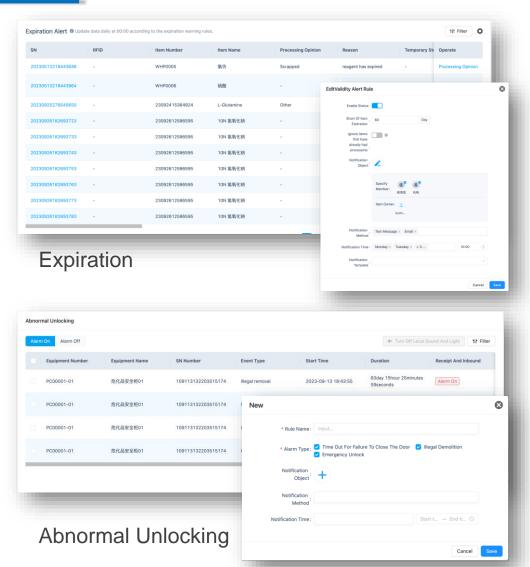




#### **SciOne Inventory Manager – Alerts**

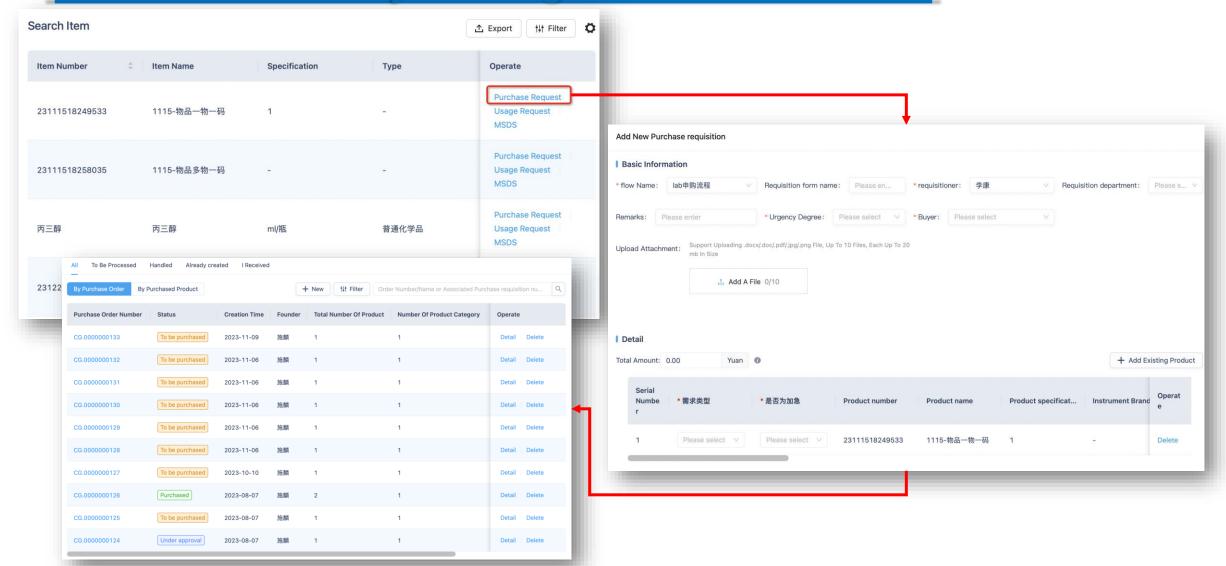






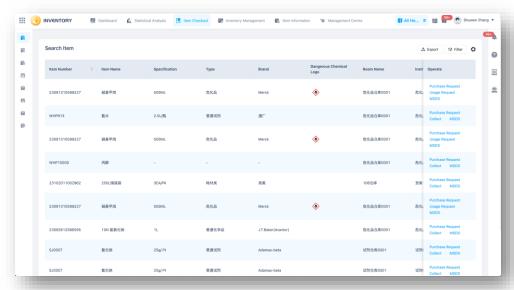


#### SciOne Inventory Manager – Seamless PO





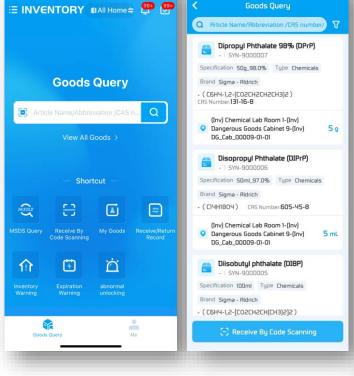
# SciOne Inventory Manager – Multi Portal



Web

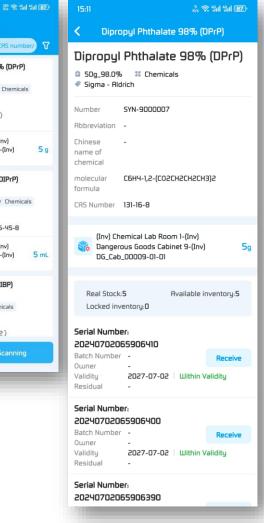


PDA Pad



Goods Query

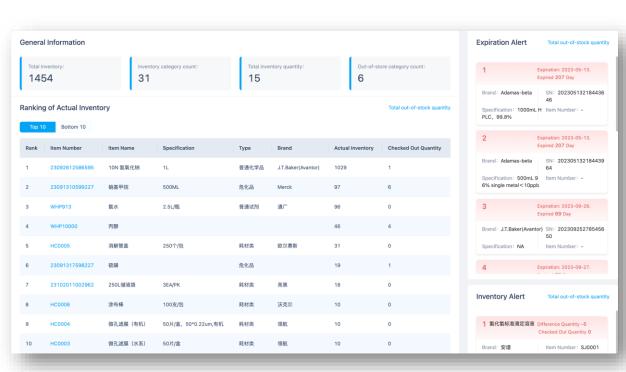
Mobile APP



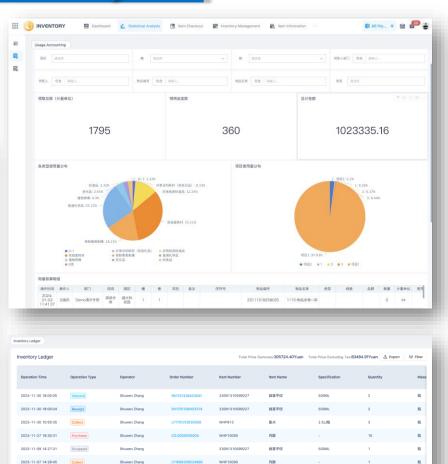
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#### **SciOne Inventory Manager – Analytics**



**Inventory Dashboard** 

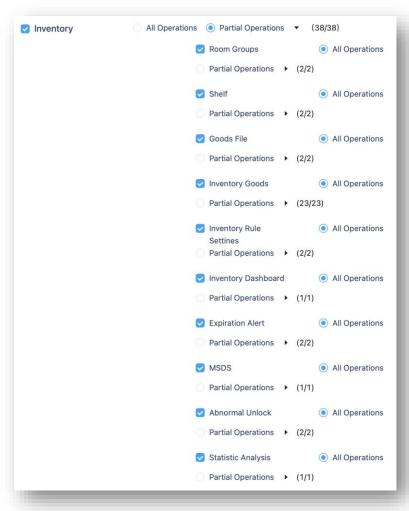


Cost Analysis

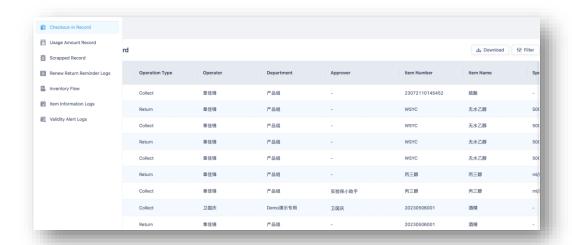
Inventory Turnover Analysis



#### **SciOne Inventory Manager – Compliance**



**Permission Control** 



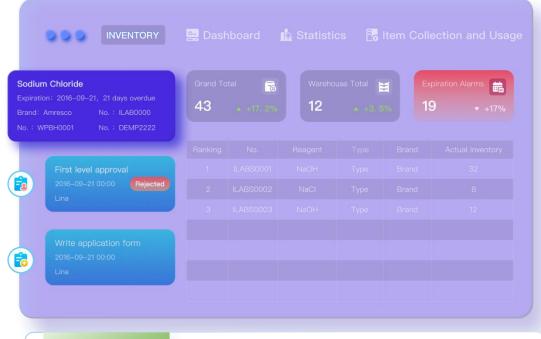
Audit Logs



Electronic Signature



## SciOne Inventory Manager – Highlights & Value



60%

Average reduction on chemical check-out time

20%

Average cost reduction on the waste of expired inventory



Manage chemicals, samples, consumables, and more



Monitoring of inventory quantity and location is at your disposal



Process and track the status of all requests from a central system



Access of the laboratory inventory from your mobile devices





## **SciOne Insights** TM

Leverage data insights to enhance decision making



### SciOne Insights – Overview







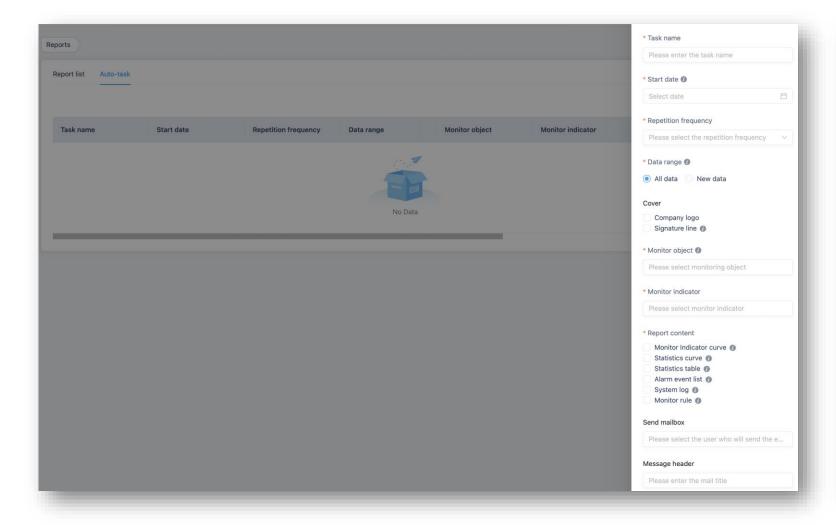
Auto-generated Reports

Real-time Dashboard

All-in-One (AIO)
Command Center



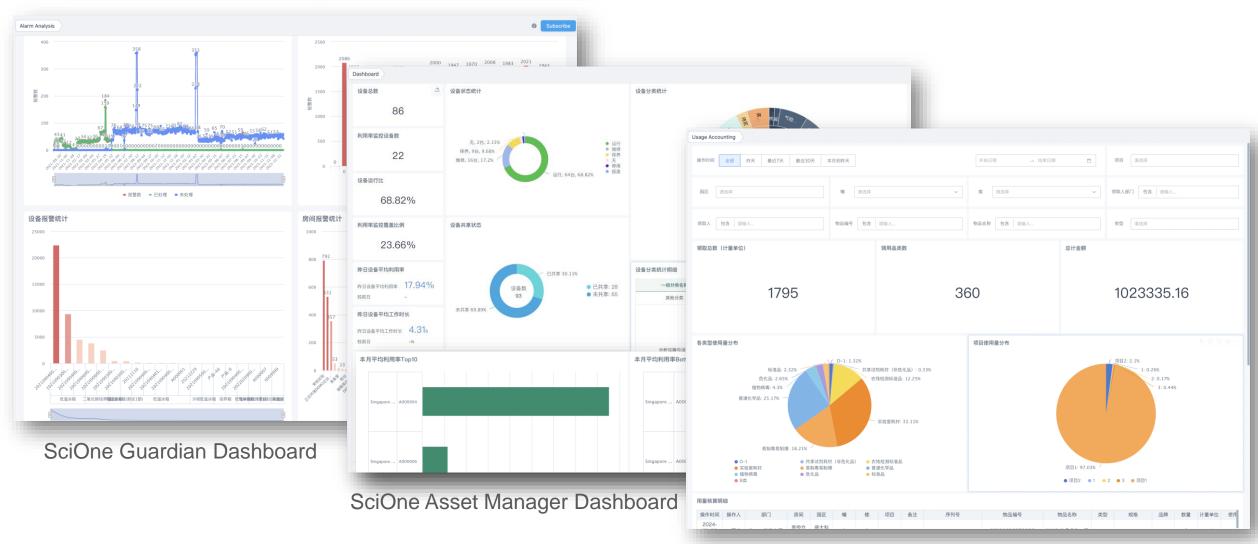
## SciOne Insights – Auto-generated Reports







## SciOne Insights – Real-time Dashboard



SciOne Inventory Manager Dashboard



#### **SciOne Insights – AIO Command Center**















#### SciOne Insights – Highlights & Value



30%

Average increase on operation decision making efficiency

60%

Average increase on data integration & analysis efficiency



Cloud-connected dashboard, access anytime, anywhere



Customizable dashboards and reports



Leverage data to generate predictive analytics



Gain new insights from existing assets



Thanks for Watching!

- Labs more Intelligent
- Management more Effective
- Scientists more Focused
- Research more Efficient

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