

Impress™ for GIS

MAINTENANCE AND OPERATIONS MODULE

The Maintenance and Operations module enables the maintenance workforce to access key SAP EAM processes and data from ArcGIS and ArcFM.

The Maintenance and Operations module delivers key SAP EAM processes to the fingertips of GIS users, providing access to asset- and customer-related data and common work management processes from their preferred working environment. Armed with easy access to critical information, the workforce can more productively optimize asset performance and improve the service quality delivered to customers. Maintenance crews can spatially analyze work order history to speed diagnosis and repair. Dispatchers can leverage adhoc search capabilities to assess outstanding work in order to effectively dispatch resources. Managers can define and view key performance indicators directly from the map to effectively monitor operational activity and performance.

PRE-BUILT READY-TO-RUN PROCESSES

Create/update SAP work orders and notifications from the GIS

- GIS users can create SAP work orders and notifications for selected features.
- Data entry is simplified with SAP value lists.
- Configurable templates streamline the data entry process by pre-populating fields.
- The work order creation process is further simplified with configurable screens.
- The notification entry process supports code catalogs.
- GIS users can modify work orders.

Set the status of work orders and notifications from the GIS

- The process automatically retrieves and displays work orders and notifications that are not yet released or completed.
- GIS users can change work order status using a one-click function.
- The process supports both system and user-defined statuses.

Assign orders and notifications to assets on the map

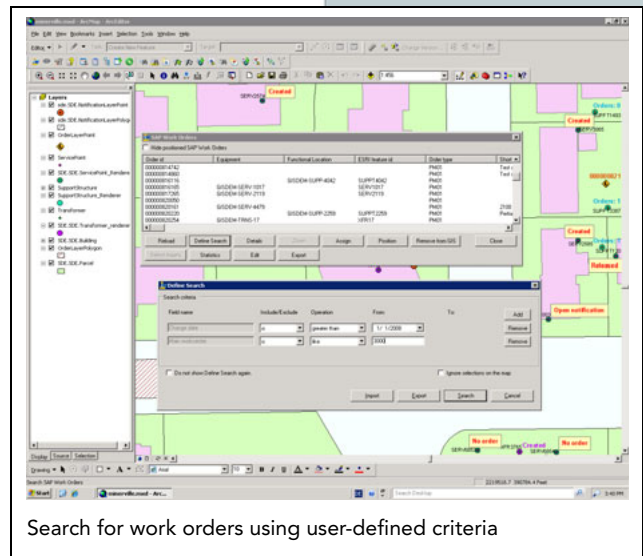
- GIS users can assign work orders to features on the map.
- Field technicians can adjust assignments from the GIS.
- Work orders in SAP are automatically updated with new asset assignments.
- The streamlined process helps improve the accuracy of asset history and reporting.

Represent work orders and notifications as individual features on the map

- Position both new and pre-existing orders and notifications.
- Represent work orders and notifications at their exact geo-location to improve resource utilization and asset analysis.
- Represent work orders and notifications as polygons.

Supported Systems

- SAP EAM 4.6c or higher, 4.7
- my SAP ERP 2004 (ECC 5.0)
- SAP ERP 6.0 (ECC 6.0)
- SAP IS-U/CCS module
- ESRI ArcGIS 9.2 SP1 or higher, 9.3



Search for work orders using user-defined criteria

Monitor the status of work orders and notifications from the map

- The process provides an at-a-glance view of work order and notification status.
- The status is rendered on the map and color coded for immediate recognition.
- Configurable business logic can be applied to resolve status precedence for GIS features with multiple work orders or notifications.

Search for work orders and notifications using multiple criteria

- GIS users can search and retrieve work orders based on user-defined criteria.
- The search results can be displayed in list and detailed format, and rendered on the map for spatial analysis.
- The process enables crew optimization from the GIS using SAP data. For example, searching for all priority one work order for a specific work center.
- Criteria choices can be configured in advance to simplify the search process.
- The process supports 99 criteria choices, including order type, order ID, order creation date, start and finish dates, priority, short text, plan and maintenance work-centers, plan and maintenance plant, system status, user status, asset type.
- The process supports wildcards, ranges, list selections, and mathematical operators when defining criteria.

Display Key Performance Indicators (KPIs) on the map for spatial analysis

- KPIs can be defined based on SAP data and rendered on the map for analysis.
- The process automatically calculates and refreshes KPI values.
- KPIs can be displayed by value and color code to facilitate analysis.
- Users can configure KPIs and render them on the map for ad hoc analysis.
- Users can save a snapshot of KPI results for follow-up analysis.
- The process provides out-of-the-box KPIs: order count, actual costs, planned costs, actual revenue, planned revenue, actual sum, settlement costs, and work status.

SYSTEM REQUIREMENTS

- Windows 2000 (Professional / Server), Windows 2003 Server, Windows XP Professional
- Oracle (9.2, 10.2), MS SQL Server 2000 (SP 3a or 4) and 2005, MaxDB (7.5)

About trinovis

trinovis - home of Impress is a leading provider of packaged integration applications that enable quick and cost-effective integration of project management and geographical information systems with ERP systems, resulting in streamlined business processes. Impress solutions allow integration to be completed at a fraction of the time and cost compared to custom integration solutions. Impress is trusted by several Global 2000 companies.

FOR MORE INFORMATION

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