

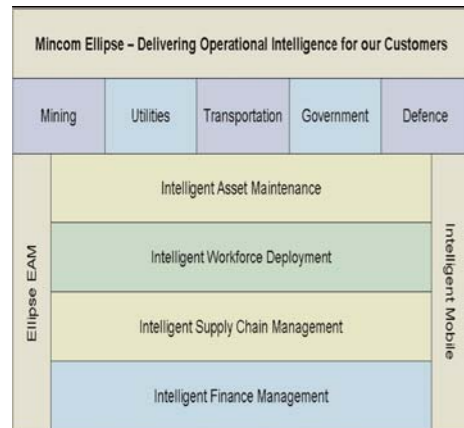
# Ellipse Corner

## Ellipse Version 6.3

Released at the end of October 2007

Ellipse encompasses a software philosophy that aims to deliver operational intelligence to our customers through knowledge based solutions. This delivers effective asset strategies that:

- Ensure environmental and safety compliance
- Increase overall equipment effectiveness
- Increase reliability, and
- Lower maintenance costs.



Mincom continues to invest in research and development to create the best Enterprise Asset Management (EAM) solution and associated technical products for the essential industries.

This release continues the evolution of the EAM solution, particularly in the following areas:

### Continued evolution of Mincom Ellipse Reporting (MER)

See MER feature on pages 10 to 11

### Functional changes in the area of Intelligent Asset Maintenance, including;

#### Standard Job

A new feature has been added to standard jobs to allow users to default a

work order status value. Users can now default a work order user status, or leave the field blank, in a standard job, so that anytime a work order is created from the standard job, the work order user status will default.

#### Work Order Type and Maintenance Type Linkage

The Work Order Type and Maintenance Type table codes are now linked. After selecting a Work Order Type, only the linked Maintenance Types for the selected Work Order Type can be chosen. This provides for increased accuracy in recording key work order fields.

#### Work Order Completion Comments

Typically for corrective or reactive maintenance and based on the new Work Order Type/Maintenance Type combinations, additional comments relating to work order failure codes can now be recorded. This facilitates a "Reliability Centred Maintenance (RCM) Lite" approach and is not dependent on MSSS or the "Mandatory Job Codes on Completion" functionality being enabled.

#### Long Term Asset Strategies - Priority on Estimates

A priority can now be recorded on estimate items. When the estimate item is copied into a work order, the priority will be copied across.

#### Long Term Asset Strategies - Estimates in Material Demand Management (MDM)

By leveraging the addition of dates and work groups on Job Estimate items, MDM can now forecast material requirements

for estimates. MDM selection criteria now includes:

- Job Estimates and Work Orders
- Job Estimates and Work Orders and MSTs
- Job Estimates and Projects.

#### Long Term Asset Strategies

Based on the Estimate planned dates, project budgets can now be automatically created by spreading the Estimate costs across accounting periods via the Job Packaging-Bulk Packaging option.

#### Copy Budget and Estimate Spread

A new Copy Project Budget and optional Copy Project Period Estimates facility is now available.

#### Long Term Asset Strategies - Risk & Criticality on Work Orders and Std Jobs

This enhancement expands the Risk & Criticality functionality into work orders and standard jobs. Previously, it was only available on work requests. Now users can optionally automatically allocate priority to a work order based on risk and equipment criticality. Together with the existing Tolerances functionality, the work order Required Start Date and Required By Date fields can be automatically updated as well.

#### Linear Assets to 3 Decimal Places

Linear or continuous assets can now be recorded to three (previously only two) decimal places for Maintenance Scheduled Task, Job Estimates and Work Orders.

#### Dual History Tracing on Work Order

On the work order completion screen, if the "Create Repair In Situ Transaction" checkbox is selected and equipment is fitted to the equipment recorded on the work order header, an automatic Equipment Tracing Repair Insitu transaction is recorded for the fitted equipment.

#### Increase Equipment Tracing Sequence No

The previous limitation of 99 transactions per installation position per day is insufficient for rotatable indicator 4, hence this is now increased to 999.

#### Record Equipment Group Identifier (EGI) Order

EGI structures can now be displayed without the need for smart coding i.e. no longer displayed in alpha-numeric order of component code.

#### Functional changes in the area of Intelligent Workforce Deployment covering;

- Talent Management
- Training and Skills Management
- Rostering
- Health, Safety, Social Responsibility and Environment.

#### Technical Enhancements include;

##### Web based delivery

Over the last few releases of Mincom Ellipse, Mincom has been transitioning its solution to a web based delivery mechanism. This means that over several releases more and more applications will be delivered via the web, migrating Mincom Ellipse to be a full web solution.

##### Deployment of WebView

Mincom is currently in transition from Windows to Web. Customers will deploy both Mincom Ellipse WinView and WebView.

##### Mincom Desktop

Mincom Ellipse Desktop allows users to access both windows and web

applications from a single place. This is a key component, as users are not required to separately launch WinView and WebView to do their job.

However, where the users requirements are totally met by WebView, Mincom would recommend that these users only need to have WebView deployed. This would particularly be the case where any of the functionality these users need is only available via web based applications.

##### Web Services Security

IBM, Microsoft, and VeriSign have created WS-Security specification. "WS-Security describes enhancements to SOAP messaging to provide quality of protection through message integrity, message confidentiality, and single message authentication. These mechanisms can be used to accommodate a wide variety of security models and encryption technologies.

The Web Service interface has been extended to support authentication via the open standards based mechanisms defined by the WS-Security standard. This replaces the Mincom Ellipse security based authentication mechanism previously used. This enhancement will have the effect of having host-based authentication via the Web Service interface, and allow customers to use their non-Ellipse credentials to authenticate Web Service invocations.

##### Multi District Batch Submission

The Multiple Districts Batch Submission modification removes the limitation that a user has to be logged into a specific district before being able to request a batch job for the district. This new feature will enable the submission of batch requests for any or all of a user's accessible districts, both for on-demand and cyclic updates.

Note: this item is also available in Mincom Ellipse 6.1.

## Mincom Work Planner Suite

Effective planning and efficient work scheduling directly contribute to tighter cost management throughout the entire asset life cycle.

### The Challenge

In order to deliver high quality products and services at competitive prices, asset-intensive industries must endeavour to minimise their operational costs. As such, it is critical that these costs are managed through the entire asset life cycle - from procurement, through operational life and finally to divestment.

Effective planning and efficient work scheduling directly contribute to tighter cost management throughout the entire asset life cycle.

### The Solution

Mincom Work Planner Suite supports short-term of long-term asset strategy and work management scheduling processes in three ways:

- Mincom Work Planner to manage activities including the planning and scheduling of ad hoc jobs, linking jobs into logical groupings, and planning and scheduling plant outages.
- Mincom Work Progress to graphically monitor and manage work in progress.
- Mincom Estimate Scheduling to graphically schedule job estimates as well as display ad hoc and preventative work for a complete view of all potential activity for any future time period.

Available as a bolt on to version v5.2.3.7

Integrated as standard from version 6

For further information please contact your Account Manager.