

# Epoch™ Labour Receipting & Reporting

## What is Epoch™?

Epoch™ is a labour receipting system that provides management with near real time view of actual labour costs as they are incurred.

Some project control & ERP systems have time sheeting and approvals, but these can be clumsy and difficult to use, and approval of timesheet entries may take a long time due to personnel being offsite or in the field.

Epoch™ addresses these issues through providing simple, intuitive, and fully featured web data entry and approval screens, and a powerful authorisation notification mechanism that promotes timely review and approval of timesheets, in a flexible role driven manner.

No email "spam" is generated, and transactions that are not approved are escalated to management within configurable time periods.

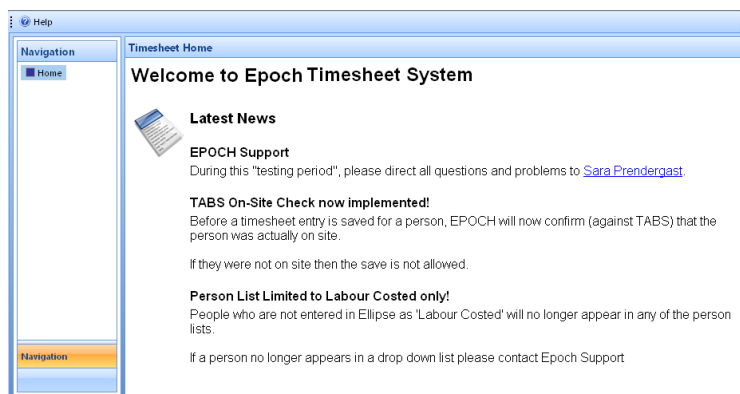
Epoch™ may be integrated with your project costing system or ERP. The system has been fully integrated with Mincom's Ellipse.

- **Timeliness** – The notification & approval engine provides timely and traceable notification of required actions based on roles. Approved transactions are posted to the financial systems allowing managers to see costs as they are incurred, rather than having to explain month end surprises.
- **Consistency** – All stakeholders are looking at the same data at any point in time. Disputed transactions are immediately flagged and notified to facilitate timely resolution.
- **Auditability** – All transactions have full audit data maintained. Transactions are completely traceable.
- **Security** - The security framework ensures personnel only see data that they are authorised to see, and review and approve data that is in their scope of control. All operations are protected by the network security layer (e.g. Active Directory Groups).
- **Reporting** – Advanced report design tools and end user driven ad-hoc report builder models are provided.

## Epoch™ provides:

(cont'd)

- **Consistency** – Labour transactions are recorded centrally—all contractors and staff timesheets are in one database, but available to all.
- **Cost Control**—Contracted or agreed labour rates based on the work performed are enforced.



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## Features

- Timesheet entry, including Work Order integration and Supervisor nomination (through maintenance management system and HR system integration)
- Timesheet approval notification
- Timesheet approval escalation
- Timesheet entry review & approval (& rejection)
- Invoice generation
- Invoice reconciliation
- Invoice review and approval
- Contract labour rates are enforced based on the work performed
- Interfaces: Work Order, personnel, WO transactions, & Invoices

## Benefits

Epoch is ideally suited to labour centric industrial operations requiring tight control over labour receipting, and real time accrual of actual labour expenditure, so that timely action can be taken to ensure plans are executed and operational needs are met.

Mine sites, construction sites, and EPCM contractors will find EPOCH a powerful tool.

## System Requirements

- Windows Server 2003
- SQL Server 2005
- .Net Framework 2.0
- Active Directory for central security administration (can be used in a Workgroup configuration)

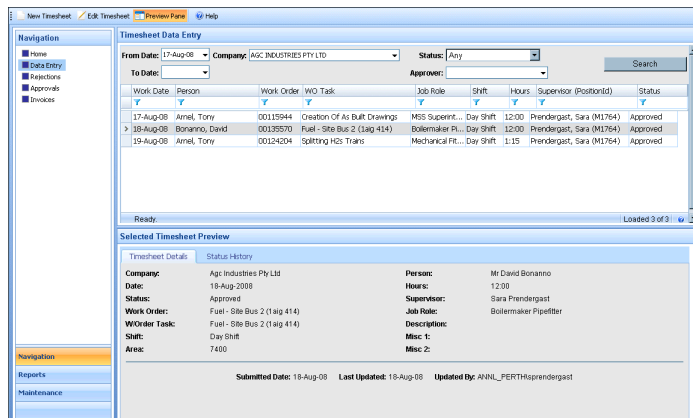
TEAMTECH will assist with the selection of appropriate hardware as part of the requirements definition.

## About TEAMTECH Australia

*TEAMTECH Australia is a systems integration practice focused on plant, people and process efficiency in the resources sector. TEAMTECH consultants are skilled in integrating data from the underlying process control systems and making it visible and available to the broad range of manufacturing, ERP, EAM and business intelligence applications.*

Our services include:

- Application development*
- Business process rationalisation*
- Financial analysis & modelling*
- Maintenance optimization*
- Mass and energy balancing*
- Metallurgical accounting*
- Mining and mineral processing modelling*
- Process control*
- Supply & inventory optimization*



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