SOFTWARE

Features and Benefits

1. Real-Time Feedback

2. Flexible Line Modelling

3. Two Way Schedule

4. Custom Data and Events

5. Code Free Configuration

6. System Integration

esCollate provides real-time data capture and feedback, and establishes a solid platform for streamlining processes and engaging factory employees.
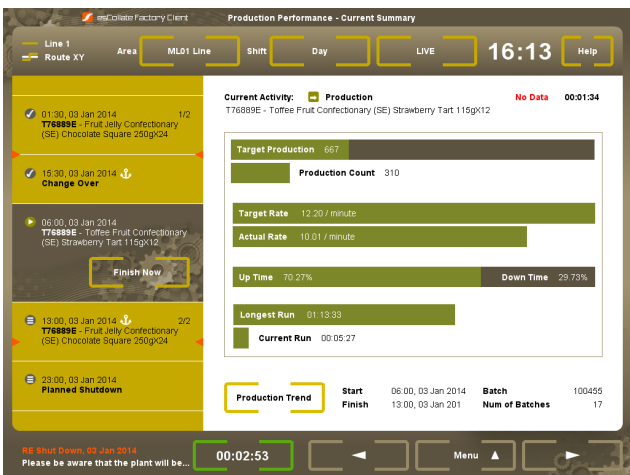
Real-Time Feedback

The most effective feedback to factory employees includes a mix of printed media and real-time feedback.

The printed media are effective for showing trends and targets in a highly visible manner, this is particularly useful during team talks.

Real-time feedback is prerequisite for intrinsically motivating factory employees and directing their focus on current performance.

The real-time feedback provided to factory employees includes:

- A 30 minute short interval schedule that provides a clear picture of minute by minute performance.

- OEE metrics for each production activity.

- A summary of the reasons for down time in the current shift.

Flexible Line Modelling

To gain the most benefit collected data is required to be put into the context of line design and the characteristics of the product being made.

esCollate supports the modelling of both the production line and related information including:

- The division of a line into Line Areas.

- The division of a line into Line Routes.

- Product information specific to a line such as Target Rate or Design Rate.

- The Shift Pattern with on the fly shift customisation supported.

Two Way Schedule

Virtually all data collected and all feedback provided has meaning only in the context of the production schedule. An integrated schedule is essential if schedule related metrics such as OEE are to be accurate.

esCollate provides the ability to both display the schedule to the factory employee and to collect updates to the schedule as they occur.

As updates to the schedule are made by the factory employees they are visible to the planner who can then react to any delays or changes resulting from events in the factory.

4   Custom Data and Events

Every manufacturing environment is unique and has specific data collection requirements. In addition to the standard data, such as down time and production counts, esCollate can be configured to collect a range of customer specific data.

The data can be a mix of single entries for a production activity and events that can have a mix of data, event reasons and time stamps.

Custom Events are particularly useful for capturing information such as product quality checks, batch events and process measures.

5   Code Free Configuration

The Administration application allows esCollate to be configured without any coding requirement. The administrator can create new Lines, add new Line Routes or Line Areas, manage Shift Patterns and much more simply by using the Administration application.

6   System Integration

The system integration requirements vary considerably between customers. esCollate has been developed to facilitate integration across the many scenarios that have been encountered.

The actual integration provided will depend on the customers' requirements and can be either be based on the standard options provided by esCollate or involve some custom development as required.

The standard integration options include:

- CSV configuration import

- CSV data output

- Database output.

The CSV configuration import allows the bulk configuration data to be imported from CSV files. This customer can generate these import files from a spreadsheet, or other system of their choice, then import them into esCollate.

All data collected by esCollate can be streamed to CSV files. This option is useful for processing the data collected by esCollate as it is collected.

All data collected by esCollate can be written to an external database that is accessible to the customer. The customer can then use this database to update other systems and generate custom reports.

Contact Us

New Zealand	Sean Thomas
	+64 21 543 130
	sean.thomas@tima.co.nz
Postal Address	esCollate Limited
	PO Box 548
	Nelson 7040
	New Zealand
Website	www.escollate.com

esCollate