

# What's new in Camstar Semiconductor Suite V7 SU6

## Enhanced functionality for recipe enforcement, lot processing and dummy wafer processing with performance for high-volume transactions

### Benefits

- Enhanced process control on the factory floor
- New High-Performance Engine Framework for high-volume transactions
- Improved lot processing control
- Improved recipe enforcement and control
- Enhanced equipment qualification process control

### Summary

Camstar™ Semiconductor Suite for semiconductor manufacturing is a comprehensive manufacturing execution system (MES) that enables wafer fabrication factories and assembly and test factories to meet traceability requirements, control production and integrate the shop floor into their enterprise resource planning (ERP) system and extended enterprise. Camstar Semiconductor Suite addresses your needs on a configurable, scalable and modular platform for semiconductor production.

### Features

Enhancements in Camstar Semiconductor Suite V7 SU6 include:

#### Recipe enforcement enhancement

- Allows the enforcement that recipe selection is resolved through modeling configuration
- Improved recipe message in WIP main; track in will fail if recipe is not resolved
- Ensures recipe selection is performed through configuration and disables operator selection

#### Lot track-in enhancements

- Ability to track in lots that are at different steps on equipment if the recipe, equipment and material setup, mask and tooling plan is the same for all lots being processed
- Provides ability to track in more lots at one time to a piece of equipment to run lots more efficiently

#### Single wafer tracking send-ahead

- Provides the ability to perform a send-ahead wafer when processing multi-level lots
- Allows operator to perform process verification for multi-level lots

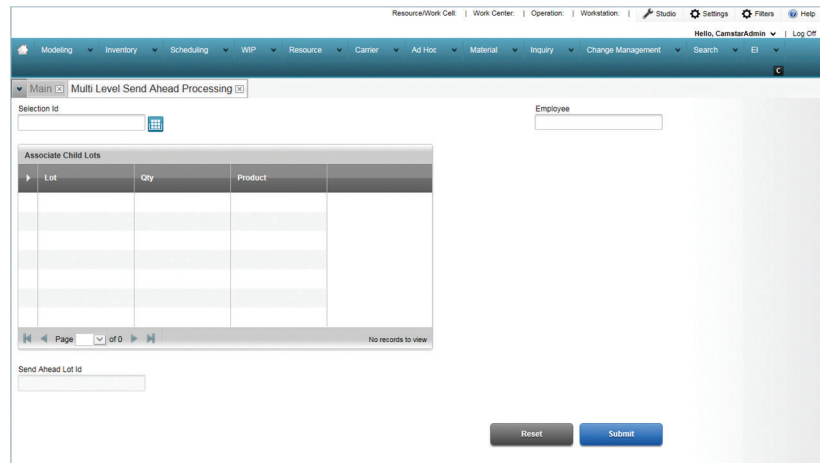
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## Dummy wafer processing enhancement

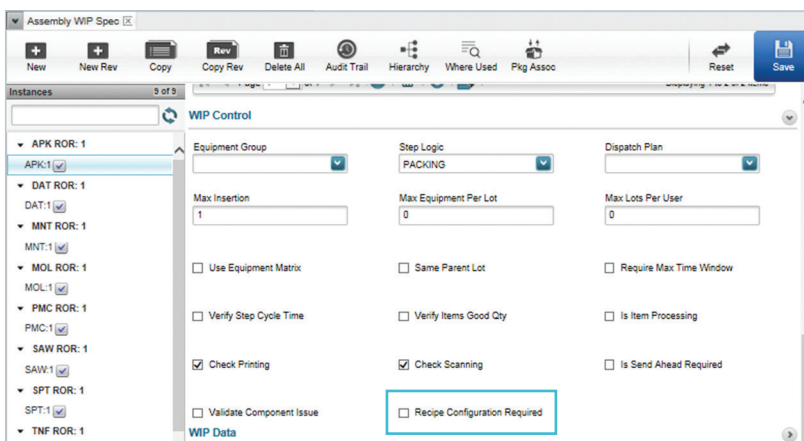
- Allow users to track in dummy wafers when equipment is down for qualification purposes
- Enables equipment qualification with dummy wafers when equipment is in down or qualification state

## High Performance Engine (HPE) Framework validation

- CEP HPE Framework available for the Camstar Semiconductor Suite product and transactions
- The HPE Framework was released in CEP V7 SU5
- HPE is a high-volume transaction framework to improve speed of executing transactions on large-volume containers and content



Single wafer tracking send-ahead when processing multi-level lots



WIP control panel – Recipe Configuration Required checkbox

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