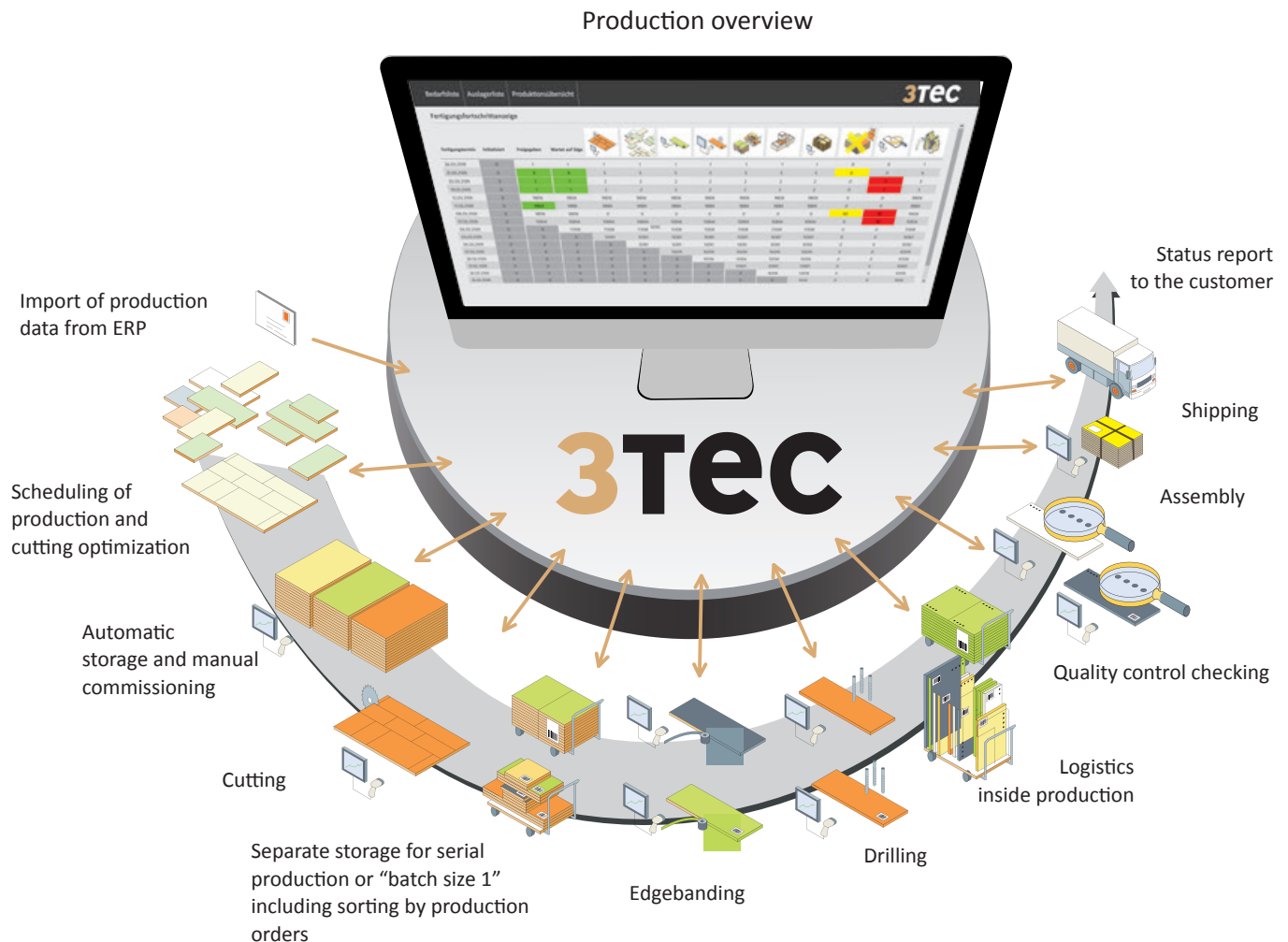


MES – technology with 3Tec

Control and monitoring for furniture parts manufacturing
from incoming goods to shipping



Production data import and preparation

- » All data relevant to production is imported from the ERP system
- » Feedback to the ERP system
- » Storage in a MS-SQL database
- » Scheduling of production orders
- » 1D and 2D cutting optimization
- » Support for various saws (single beam saws and angular systems)
- » Preparation of data for processing machines (e. g. edgebanding, drilling, etc.)
- » Order list generation for warehouses

Control System

- » Analysis of warehouse and saw feedback
- » Labeling of parts and stacks
- » Part tracking by barcode scanning or stack label
- » Production progress monitoring
- » Use of graphic display elements to visualize and control production flow
- » Quality control checking
- » Support for high priority parts (quick shots) and re-productions

Personal time recording with automatic transfer to payroll systems

Production data acquisition

- » Shop floor and machine data collection/analysis of machine malfunctions
- » Automatic data acquisition for recalculation of order costs

System-wide display elements

- » Operator guidance
- » Diagnostics and error recovery

MES – technology with 3Tec

