CROSSTRACK FOR COMPOSITES

SQL Database

Live Data on all screens

Traceability from roll to finished part

Material and Material Life Management

Scalable Licensing

Easy to learn

Fully integrated with JETCAM Expert nesting

Multiple 'stations' for different functions

Available with or without material life tracking

Ply and Kit Management

Track composite materials, material life, orders, nests, plies and kits - all in real time
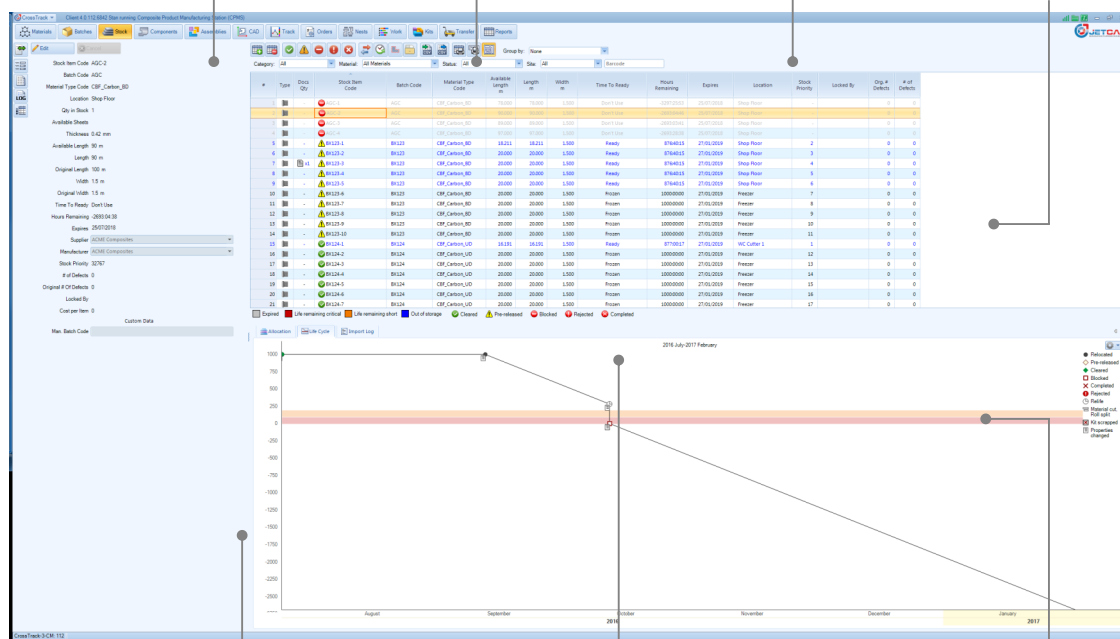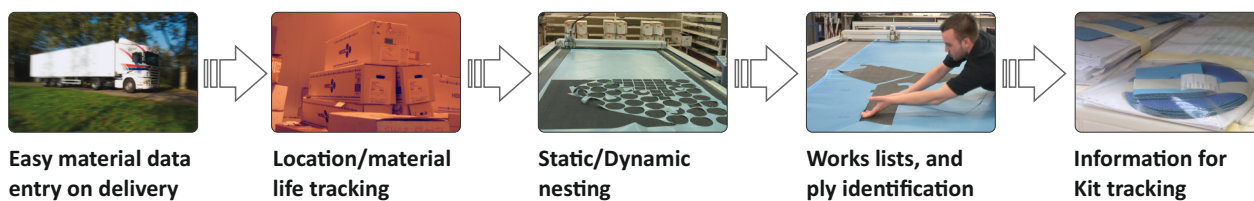

Easy material data entry on delivery

Location/material life tracking

Static/Dynamic nesting

Works lists, and ply identification

Information for Kit tracking

CrossTrack resolves the complex issue of managing orders, materials, material life, nests, parts/plies and kits. This award-winning software, in use by companies such as BAE, Bell Helicopter and Bombardier Aerospace delivers complete traceability. It gives visibility from the initial material delivery, tracking the rolls through to cutting and then the plies and kits as they travel through layup to the autoclave. Companies using CrossTrack benefit from massive reductions in the reliance on paper and greater accuracy, as information is carried electronically through the system, with staff having real time access to live order, material and nest data across the network. Huge reductions in waste, both through high performance nesting and less out of life material scrap are also common.

Visibility and traceability - from the raw material to bonding

Available in Enterprise and lower cost SME versions*, CrossTrack meets the exacting standards of the aerospace industry by providing all relevant departments with a common interface, displaying information relevant to each department. The system comprises of core stations which cover the majority of functions along with additional stations that deliver role-specific functionality.

Core Stations

All Core Stations require JETCAM Expert Premium with Nesting Interface and RCP.

Composite Product Manufacturing Station

For composite products manufacturing requiring kit and life management. Includes all of the functionality of the Advanced Manufacturing Station, with:

Additional material management functions:
Material shelf life tracking, Material in/out of freezer life tracking, Material life transaction logging, Re-lifing and other material life functionality with special displays.

Additional life management functionality
Real-time life tracking and corresponding displays, Life management of other perishable materials, Life management of individual plies, Automatic use of materials approaching end of life.

Traceability:
Full roll, component and ply traceability.

Additional RCP Nesting functions:
Nesting around defects (requires material defects management).

Kit management functions:
Kit movement and location tracking
Kit material life tracking and logging

CPMS

Advanced Manufacturing Station

For composites or sheetmetal fabrication activities not requiring material life management.

Advanced material management functions, including:
Material defects management, Material batch support, Material movement and location tracking, Transaction logging, Allocation and scheduling of materials

Advanced component processing, including:
Component and assembly management, SCAP (Single Component Automatic Processing) or RCP (Remote Control Processing) CAD import and component processing, JETCAM batch component modifications, Re-tooling, re-programming, mirroring. (Requires RCP).

Nesting and advanced nest management:
MRP Nesting, RCP Nesting (requires RCP), Nests Database, Static Nest Database, Automatic selecton of nests to use, Interactive nest display, Nest filtering to show only the nest specific to the users current needs.

Kit location tracking (composite or non composite kits)

Orders Management
Supports multiple orders lists
Orders lists are highly configurable
No limit on the number of orders lists
Comprehensive orders status and information displays
Multiple orders sources supported

Additional nesting functions, including nesting around defects (requires material defects management)

Machine loading schedule:
Nests to be processed on each machine. Facilitates "strict" control of which nests are processed, when they are processed, and on which machine.

Advanced kit management functions.

General alerts.

AMS

Additional Stations

Material Receiving Station (MRS)
Allows for entry of required material info after delivery.

Material Transfer Station (MTS)
Shopfloor interface for logging and tracking materials .

Management Viewer Station (MVS)
Management info on stock, nests, demand etc.

Advanced Material Transfer Station (AMTS)
View Only, Pick List and Live Stock view.

Shop Floor Station (SFS)
Lists the work to be cut by the machine operator.

Further information is available on each of these stations upon request.

JETCAM
FOR TOTAL AUTOMATION