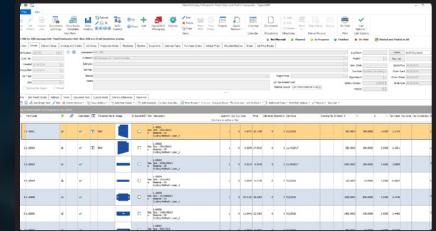
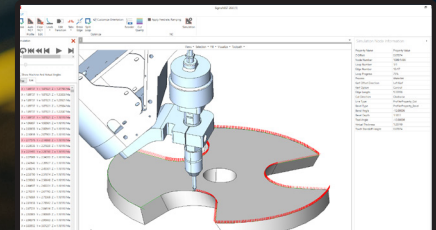


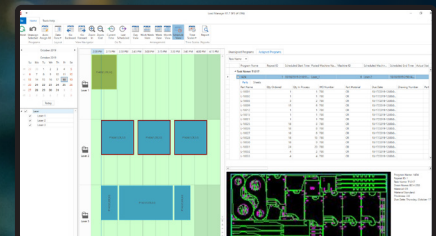
End-to-End Workflow Solutions



+ Import & Quote



+ Plan & Program



+ Fabricate & Track

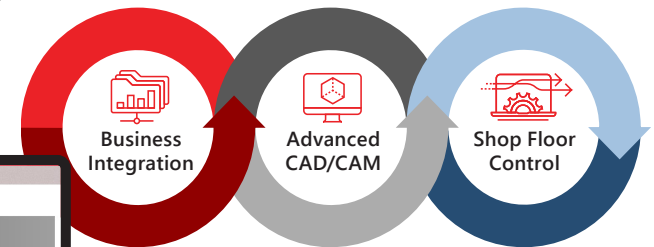
Integrated End-to-End Efficiency

The SigmaTEK software suite gives fabricators a scalable workflow solution from quote to production to delivery. Our integrated platform accelerates your workforce with the timely accurate data needed to make informed decisions.

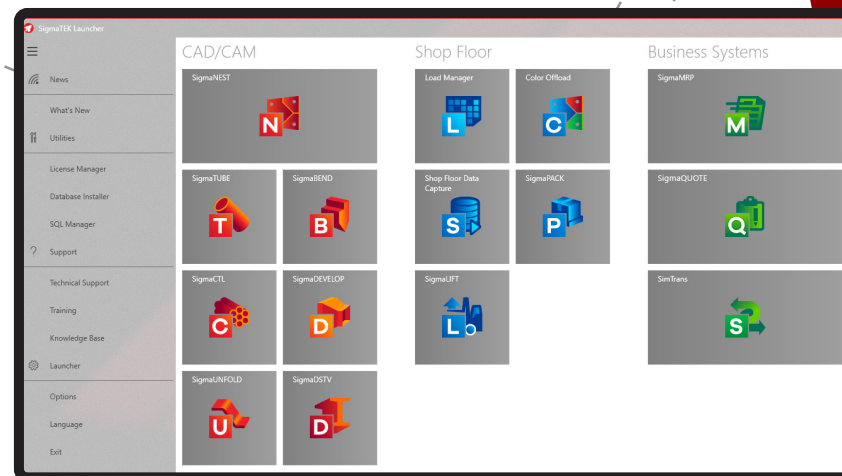
SigmaTEK Suite Version 20 boasts a robust toolset with industry leading SigmaNEST at its core. Starting with the new launcher, our single-source solution provides a consistent user interface that helps reduce the learning curve of technology and boost your productivity step by step throughout your business.

Business Integration
Our smart solutions link any ERP/ MRP system to all vital stages of fabrication including engineering, programming, and production using SQL database technology.

Advanced CAD/CAM
Features programming efficiencies such as batch processing and part recognition. Superior nesting paired with superior motion to drive your machine—laser, plasma, punch, router, waterjet, knife, pressbrake or tube.



Shop Floor Control
Ease the fabrication workflow and provide real-time data feedback to inform how well production is tracking.



1. Import & Quote



ERP/MRP & SimTrans

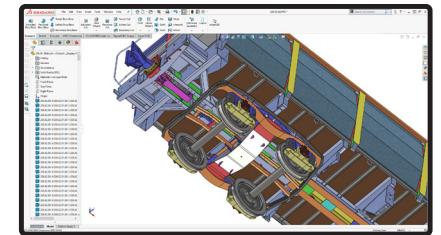
- SimTrans connects each relevant manufacturing step to your existing data systems for autonomous part and order creation
- Manual entry is eliminated as data is linked directly with your ERP/MRP
- Custom data and CAD files are autonomously imported into SigmaNEST
- SigmaTEK software adapts to your exact business model and specifications with its modular approach

Importing & SigmaNEST

- Direct file import into SigmaNEST quickly assesses real costs based on your operations
- 2D and 3D features including drill holes and bevels are automatically recognized
- Material, quantity, grain, and all key data transfers to SigmaNEST
- Multi-body processing and flat pattern extraction accelerate the import process
- Batch processing increases automation and eliminates any repetitive effort

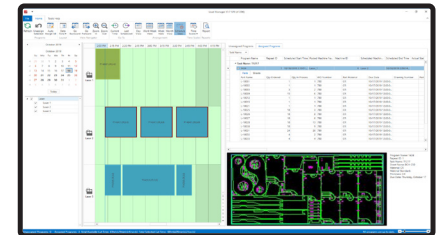
Costing & SigmaQUOTE

- SigmaQUOTE gathers and stores comprehensive data about necessary inventory, processing times, and actual machine run-time
- Both nested and part costs are calculated using actual NC and material usage
- Shop floor data and secondary operation cost are captured and applied
- Calculate actual materials and logistics, along with VAT/Exemption and client history for true profit margin



Accurate & Fast Quoting

True geometry and custom part mapping transfers data accurately from customer files into SigmaNEST, drastically reducing data entry and user error.



2. Plan & Program



Job Planning

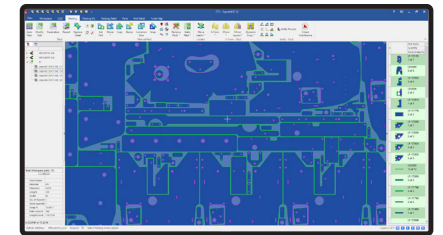
- SigmaMRP expedites customer approval with easy revisions for project requirements, scope of work, and delivery dates
- Approved quotes convert to full work orders in seconds
- Automatically account for both customer supplied and purchased inventory for job
- SigmaTEK software allows blending work order nests on compatible materials to save on concurrent jobs

Nesting & Inventory

- Customize your material costing model by weight, age, or other inventory factors
- Confidently nest on remnants with full record of geometry for shears, skeletons, and dropouts
- Robust programming for specialized materials like composites, grating, and coil
- Automatically finish each sheet as a ready-to-nest remnant
- Comprehensive reporting for inventory contents and value

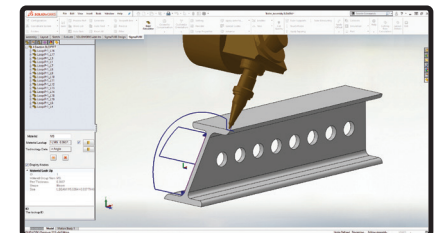
Better NC & Reporting

- SigmaNEST creates optimal intelligent NC for virtually any machine while reducing machine time and waste
- Chaining, bridging, common line, tabbing, and prepiercing just a click away
- Effortless multi-torch nesting and toolpathing
- Robust auto-tooling for turret punch features patterns and smart sorting
- Comprehensive customizable part and nest reporting includes PDF eReports

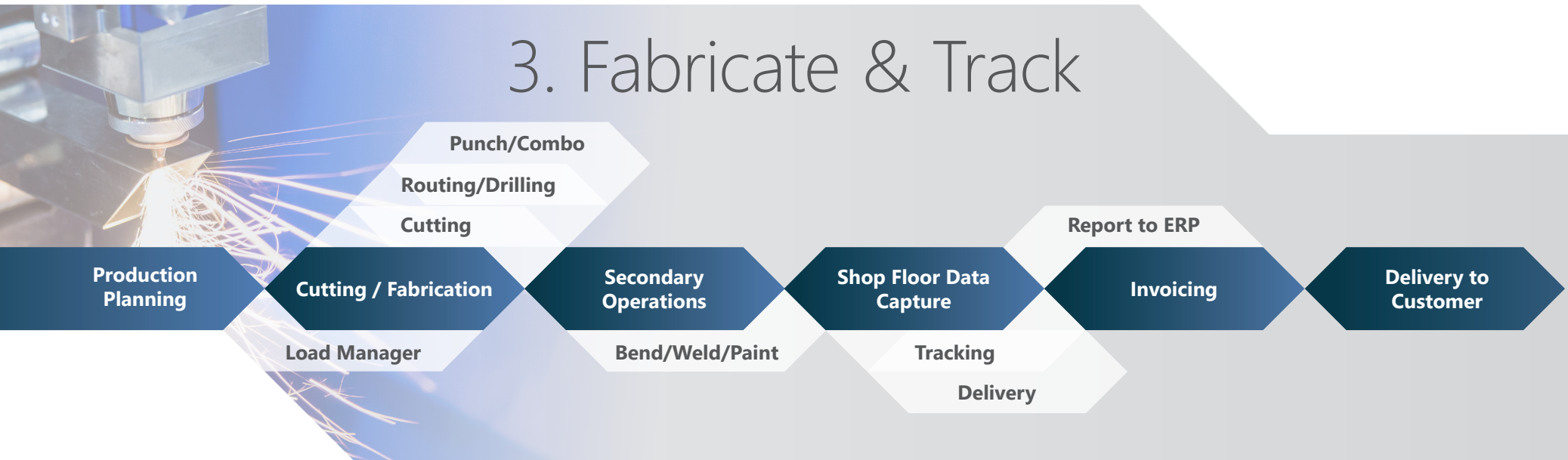


A Bigger Toolbox

The SigmaSUITE provides a wide toolset with smart technology that accelerates your process and produces a better quality product.



3. Fabricate & Track



Scheduling & Load Manager

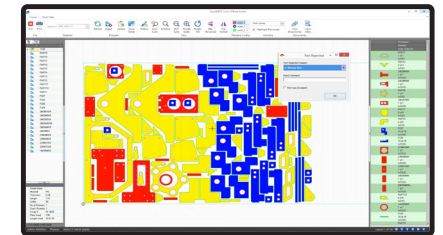
- Load Manager visually organizes machine programs by workload, with easy scheduling around machine maintenance and operator shift breaks
- Drag and drop to prioritize order dates, customers, or secondary operations
- As jobs are finished, Load Manager dynamically adjusts the scheduling queue for the best machine productivity

Part Routing & Color Offload

- Color Offload lets operators visually identify parts by color coding of order groups and next-operation routing on any touchscreen device
- Operators can re-queue faulty parts back to programming to ensure a perfect work order
- Exact processing times are automatically recorded for accurate reporting and costing
- Update actual inventory used on the spot with Swap Sheet

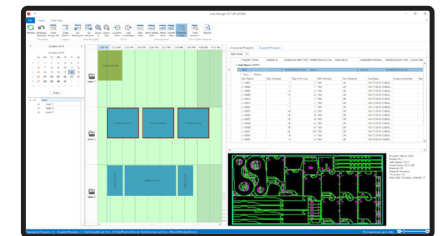
Shop Floor Data Capture

- Manage all shop operations including bending, welding, painting, and more, with real-time status updates
- View all open jobs and start working with a single click
- Download linked files like material specs or bending reports to your smart device
- Track actual time and resources used part by part, and expedite completed work through production to delivery and invoicing



Eyes on the Shop Floor

Shop Floor Data Capture gives flexible and detailed oversight of every logistical aspect from forklift routing to loading completed parts onto the delivery truck.





Empower Your Workforce

Help your team be their best with a software solution engineered to increase ROI by optimizing material utilization, machine motion, manpower, and data management.

Our OEM partnerships give us the unique ability to program all major laser, waterjet, oxyfuel, plasma, punch, router, knife, press brake, and tube machines, and integrate with a wide range of business systems.

With more than 21,000 installations worldwide, SigmaTEK software solutions are backed by a global team of experienced product experts here to serve you.



Manage

Greater insight and control of operations through shared data



Material

Smart nesting saves 4% average on new and remnant use



Motion

Faster cutting times to increase capacity and efficiency



Machines

Central control gives you more flexibility and simplicity



Manpower

Faster programming and automation to empower your team