

Custom Ignition Software Boosted Our Panel Manufacturing Efficiency

When the Cates fabrication team faced the issues below, our engineers designed an Ignition-based custom solution. Follow our manufacturing process to see each department's results.

- Fabrication floor is blind to work-in-progress parts status
- Must manually track missing parts; may be unavailable
- Manually check customer job status on paper reports
- Panels aren't tested in order of job priority
- Unprepared for future projected panel volume
- Technicians aren't sure which jobs to prioritize
- Time-consuming, manual KPI report creation

INVENTORY

- Better materials coordination ensures job parts are available
- Improved organization – each job's parts have assigned location

CUSTOM LAYOUT & WIRING

- Department screen shows clear job priorities and key tasks
- Technicians can quickly find job materials in the assigned bin

OEM LAYOUT & WIRING

- Issues with job materials are flagged, can be escalated
- Technicians can message other departments for needs or issues

TESTING

- Better visibility into upcoming jobs enables prioritization

OUTBOUND SHIPPING

- Production able to scale up to meet demand
- Added 2nd manufacturing facility to software
- Better visibility into upcoming jobs

ALL DEPARTMENTS

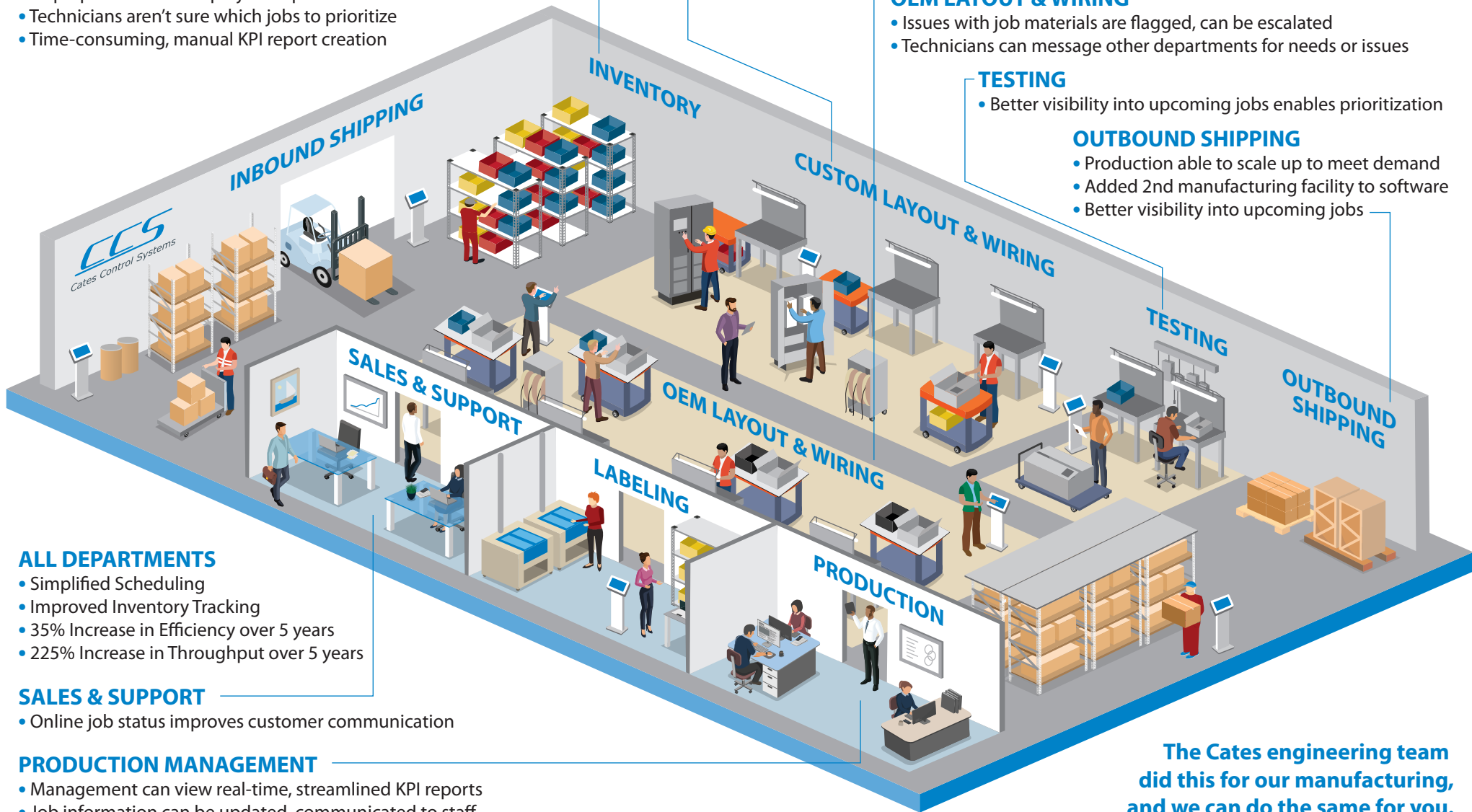
- Simplified Scheduling
- Improved Inventory Tracking
- 35% Increase in Efficiency over 5 years
- 225% Increase in Throughput over 5 years

SALES & SUPPORT

- Online job status improves customer communication

PRODUCTION MANAGEMENT

- Management can view real-time, streamlined KPI reports
- Job information can be updated, communicated to staff
- Capacity planning capabilities improve decision making



The Cates engineering team
did this for our manufacturing,
and we can do the same for you.

Cates.com