

 FUSION PRODUCTION

Make your manufacturing  
smarter with the cloud  
and IIoT.

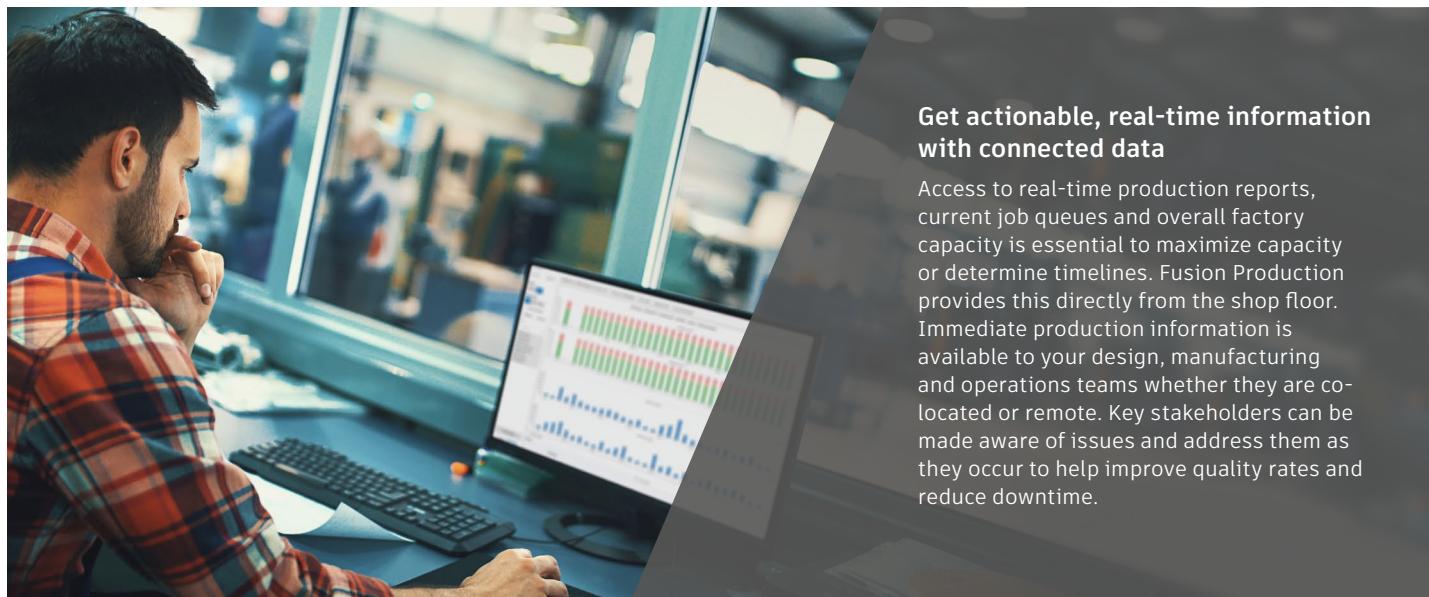


# Get real-time visibility and instant access to your production data in a single, complete tool.

Autodesk® Fusion Production combines production planning, job tracking, and machine monitoring with cloud computing and the Industrial Internet of Things (IIoT). You can create work instructions, dispatch job sheets, schedule tasks, track jobs, monitor workstations and view performance reports. This information helps you understand current factory status, identify underperforming processes and make decisions to improve overall equipment effectiveness (OEE) and operational efficiency.

## Facing these challenges?

- Tracking the location of jobs on the shop-floor.
- Giving progress updates to your customers.
- Assessing your overall equipment effectiveness.
- Increasing throughput from existing machines.
- Removing manual data entry to maintain schedules.
- Communicating changes with other departments.
- Experiencing long delays due to changes in production.



## Get actionable, real-time information with connected data

Access to real-time production reports, current job queues and overall factory capacity is essential to maximize capacity or determine timelines. Fusion Production provides this directly from the shop floor. Immediate production information is available to your design, manufacturing and operations teams whether they are co-located or remote. Key stakeholders can be made aware of issues and address them as they occur to help improve quality rates and reduce downtime.



Image courtesy of Galaxy Kalip

## Drive higher quality in your business

Use digital work instructions in Fusion Production to help eliminate paper on the shop floor and provide a single source of data to maximize efficiency and reduce errors. View quality rates for jobs and workstations to identify the root cause of quality defects. Quickly assess whether ongoing quality issues are task, workstation or operator specific. As jobs are completed a detailed product history provides traceability and captures institutional knowledge of how the part was made; useful if a similar job needs to be programmed in the future.



## Minimize your time to market

Fusion Production gives instant access to your data through a web browser. Login and go, without any time-consuming downloads. A common data environment between planning, tracking, and monitoring saves significant time by removing manual data entry; you can even send your data directly from select Autodesk CAM software. View job and workstation status updates in real-time; monitor tasks against their due date and view which machines are operating, idle, or offline to highlight bottlenecks. This allows quick decisions to move or reassign jobs, so you can maintain an efficient schedule without delays.



## Realize new value from existing assets

Fusion Production creates production and IIoT data reports to help identify underperforming processes and guide decisions to improve performance. Gain more insight into NC programs; monitor setup times, validate machining time, check for fault counts, and view utilization rates. You can also compare your current capacity to the required throughput to help optimize scheduling. By using historical information from similar jobs, you can forecast accurate delivery times and avoid bottlenecks that could cause delays.

## Benefit from cloud computing

With instant access to data that could previously only be stored locally or accessed manually, it's now easier to collaborate across the factory and supply chain. Your data is accessed via a browser or mobile, removing the need for lengthy installations. Cloud computing shifts the burden of setting up and maintaining an IT infrastructure from the business to the provider. This leaves your IT professionals available to work on value added tasks. Simplify your implementation, become more agile in response to demand, and improve the operational efficiency of your business.

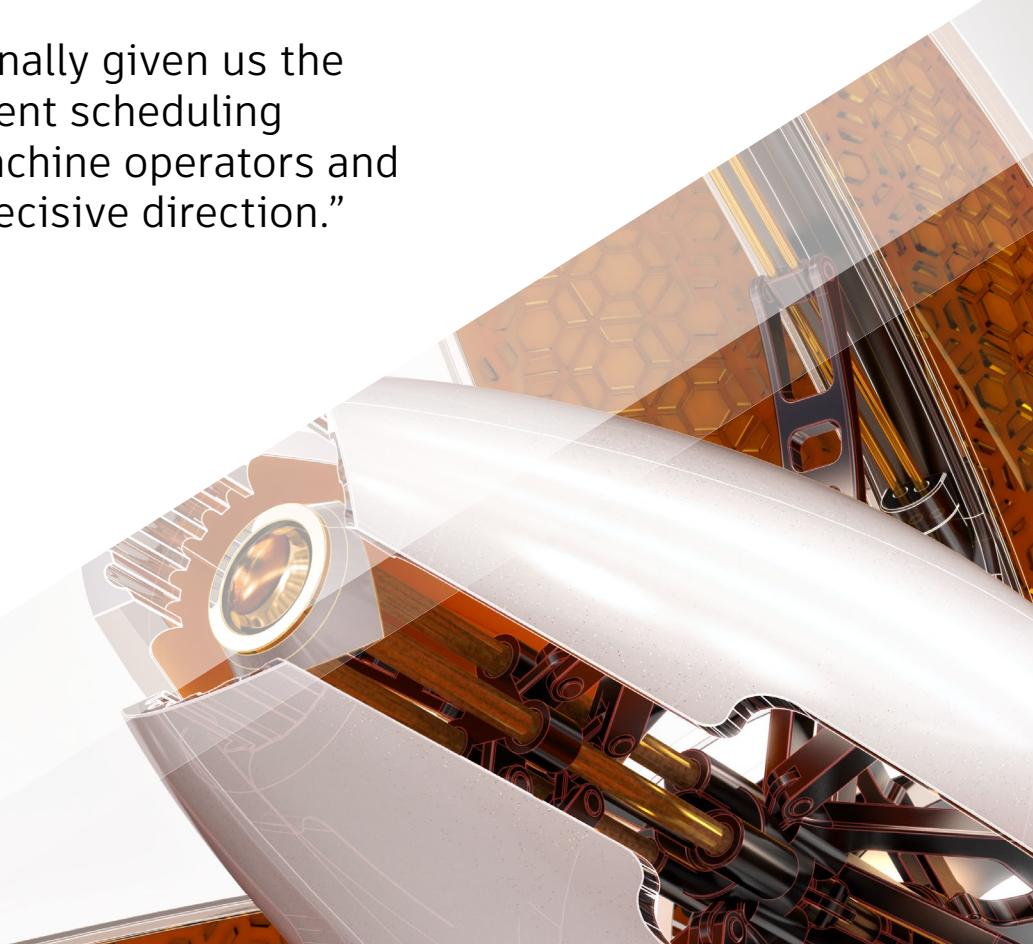
### 10 reasons to choose Fusion Production

- Get line-of-sight across your business and extended supply network.
- View your factory capacity in real time to improve quoting and scheduling.
- Eliminate paper and improve quality with digital work instructions.
- Send select Autodesk CAM data directly to Fusion Production.
- Track your jobs as they move across production in real time.
- Monitor your workstation status to highlight bottlenecks in real time.
- Respond quickly to changes in production with multi-device access.
- View production and industrial IoT reports to improve performance.
- View detailed product history, for traceability and completion details.
- Maximize the value from your existing assets in production.

Learn more at [autodesk.com/fusion-production](http://autodesk.com/fusion-production)

“Fusion Production has finally given us the foresight to make intelligent scheduling decisions. It gives our machine operators and programmers clear and decisive direction.”

—Tom Pyper  
CNC Department Manager  
Superior Tool and Mold



## Make Great Products

Autodesk manufacturing software helps you make better quality products, faster. Machine, print, inspect, and fabricate parts efficiently.

- Complete modular manufacturing solutions – CAM, additive, composites
- Manufacturing expertise to automate, optimize and integrate your manufacturing processes, in addition to your software
- Cloud-connected so you can collaborate and manufacture anytime, anywhere.

Learn more at [www.autodesk.com/MAKE](http://www.autodesk.com/MAKE).

## Autodesk Education

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## Autodesk 360

The Autodesk® 360 cloud-based framework provides tools and services to extend design beyond the desktop. Streamline your workflows, effectively collaborate, and quickly access and share your work anytime, from anywhere.

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