

HP SmartStream Production Center



Automate and manage the entire production floor



Key benefits

- Gain full insight into the real-time status of production
- Use barcode driven tracking for easy traceability of components
- Better predict workload and prioritize jobs to meet SLAs
- Identify bottle necks that impede production and allocate resources accordingly
- Effectively consolidate multi-piece orders
- Reduce shipping costs through automatic bin management

HP SmartStream Production Center helps you increase productivity and efficiency across your print production operation. This robust and scalable in-house system fits into any existing environment to automate and oversee production of digital, conventional and hybrid jobs.

The next generation of shop-floor management must effectively manage today's fast-paced, dynamic production environment where hundreds and even thousands of jobs a day are received from multiple sources, and with varying Service Level Agreement (SLA) requirements. Production Center is revolutionizing the commercial print shop floor management and data collection process by eliminating touch points, reducing waste and streamlining production processes.

Fuel your growth and overcome the challenges of receiving, producing, and delivering high volumes of short-run jobs, reducing turnaround time and increasing your profitability with a production management workflow solution built and customised to your needs.

Use Production Center to better manage your daily work, automate production from pre-press through shipping and highlight jobs that require immediate attention to ensure that you are always delivering on time.

The system manages a high number of jobs submitted from multiple sources, including web portals, MIS systems, and prepress tools, automatically routing them to multiple production platforms, including HP Indigo and HP Inkjet Web digital presses, non-HP digital presses, offset presses, finishing equipment, and manual work centers.

HP SmartStream Production Center technical specifications

Supported Browsers

IE11 and latest versions of Chrome, Firefox & Safari

Server information

- CPU – 2x Intel® Xeon® E5-2690v3 (2.6GHz/12-core/30MB/135W)
- Memory – 32GB* (8x 8GB Single Rank x4 DDR4-2133)
- HDD – 8x 300GB SAS 10K rpm SFF Dual Port
- HP Smart Array P440i/2G FIO Controller
- Network ports
 - 4x 1Gb
- iLO – 1x iLO4
- PS – 2x power supply 800W
- DVD RW
- SDHC – 32GB

Windows server 2008 R2



Flexible, versatile dashboards

Powerful yet simple dashboards are easily customized for different users to provide full insight into the real-time state of production for every job. Visibility into orders enables more effective planning, reducing overtime costs and understaffing situations.

Production optimisation

Job clustering or batching helps reduce waste and lowers costs, thus boosting productivity. It also allows priorities to be set according to changing deadlines and delivery dates. This makes it easier for owners and managers to allocate resources, such as operators and presses, with maximum efficiency.

Shop floor tracking

Track print jobs from start to finish in real time using job definition and job messaging formats (JDF/JMF), barcode scans, or manually entered data. The priority for each job is set, and the job is submitted and managed by the system. Any process step can be created and tracked including prepress, printing and other conventional or manual steps.

Job prioritization and workload prediction

Production Center identifies jobs that are late by utilizing sophisticated formulas within the estimation engine. Reprinting of half a job that was mis-cut can be initiated by the cutter operator and prioritised through each production step to “catch-up” and ship with the rest of the order on time.

Open architecture


HP SmartStream Production Center comes with a robust and well-documented open REST API for more extensive customizations. It can be easily integrated with third-party products and applications to meet PSPs needs today and the breadth and the depth to grow with them into the future.

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