PrinTrack™

Traceability System FAQ

PrinTrack

The MPM® PrinTrack adds new functionality and traceability to the printing process. PrinTrack provides an easily-accessible comprehensive history detailing how and when your product was printed, the process settings, materials, and options used to print it, and all pertinent information that can be used to track your products or troubleshoot the process if needed.

Q: How does PrinTrack work?

A: PrinTrack harvests data from the printer through the Benchmark OpenApp interface. This includes assembly part number, work order number, panel ID and other barcode information as scanned by the printer. Traceability data across several printers is consolidated into one database residing on a server. Reports that are generated include a product history report, a list of panel IDs, circuit IDs, work order IDs, and etc. produced with a specific solder paste, tooling, stencil and more.

Q: What data does PrinTrack track?

A: PrinTrack collects traceability and verification data along with key process variables, including print speed, print force, squeegee stroke, and wiper profile. Other data collected includes solder paste data (part number, lot number, unique ID, etc.); tooling data for the stencil, squeegees, the program currently running, and more.

Q: Can I install PrinTrack myself?

A: Yes you can. You may reference (1021841, or contact your local MPM Technical Support group which can be found at http://www.itweae.com/contact-us

Q: What's included in the PrinTrack package?

A: The package includes a fixed barcode scanner, a hand-held barcode scanner with mount, an OpenApp license and PrinTrack server license for 1 machine.

Q: What type of server is needed to run PrinTrack?

A: Contact your local MPM Technical Support group for server requirements. They are not unusual, just too numerous to list here.

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Q: What do I need to provide?

A: The appropriate server, barcodes, and IT support for configuration.

Q: What software version is needed on my current printer(s)?

A: Benchmark 4.3.6 or higher (Windows 7)

Q: Will future versions of Benchmark work with PrinTrack?

A: Yes, PrinTrack is designed as an OpenApp and is separate from Benchmark software.

Q: Can PrinTrack stop the printer while in production?

A: Yes. If communication is lost between PrinTrack and the printer, the printer will halt; however, this action can be overridden at the printer.

Q: Can data be exported in different formats?

A: Yes, data can be exported in an MS Excel file.

Q: How can I access the data?

A: You can access it remotely through any computer that can connect to the server.

Q: Can PrinTrack connect to my MES? What about other equipment in the production line?

A: PrinTrack is powered by Cogiscan, which has the ability to communicate with other equipment in the line. Open architecture for seamless integration and its standard method of connecting to MES and ERP systems make PrinTrack highly compatible with other systems; in fact it can be expanded to factory-wide Track, Trace, and Control systems. contact your local MPM Technical Support group which can be found at

http://www.itweae.com/contact-us

Q: Is it possible to read etched barcodes on my circuit boards?

A: Yes, however due to the wide quality variations in etched barcodes in circuit barcodes we recommend you contact Technical Support and send your board to MPM for testing prior to purchase.

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