incjet
DIGITAL IMAGING

Industrial Print System (IPS)

Package Printing Simplified

Inkjet Technology by hp invent

Industrial Print System (IPS)

Package printing simplified.

Turnkey coding system.

Merge HP's proven technologies, inc.jet's enviable reputation for digital printing and the need for a solid coding solution for the packaging industry and you get IPS (Industrial Print System).

IPS's industrial strength and high performance components, allows this turnkey print system to fit into virtually any manufacturing/packaging environment. And with an extensive range of inks available, there is practically no material that cannot be printed on clearly, quickly and efficiently.

Rugged mounting equipment, designed to fit into any environment and space, a wide variety of inks (bulk or cartridge based), control hardware and software and the finest print heads in the industry, all provided in a commercial off-the-shelf system.

Total print flexibility.

Whether, small or large characters, printing fixed images, lot and date codes, even variable data, IPS can do it all. Print heads that easily add on to expand print width, for jobs that require larger print areas. Add that to the widest range of inks available for printing on almost anything, from paper to foils, in black or in color, and you have the ultimate industrial print system.

Zero mess, zero maintenance.

IPS is based upon HP Thermal Inkjet technology which means no mess and no maintenance.

No messy or harmful solvents. No puddles of black ink surrounding your print areas. And no real skills involved in upkeep. Every time you change an ink cartridge - and that only takes seconds - you get a new print head. Servicing couldn't be simpler.

Coding for all applications.

From pharmaceuticals to foodstuffs, whether on wrappers or blister packs, IPS digital printing capabilities give you the ability to identify, track and secure your product. You choose what you need to print and let IPS do the rest.

Small Character Coding

IPS's highly versatile print technologies allow you to print almost anything on Primary Packaging – lot codes, expiry dates, bar codes, images, pictures and text. With print resolutions up to 600dpi, even 4pt fonts can be easily printed and read.

- Lot and date codes
- Widest range of Barcodes
- Text to graphics

Large Character Coding

The scalable nature of IPS allows you to print on Secondary Packaging – at any size and anywhere on the carton. Print 100% scannable barcodes, text, logos; in fact anything you decide to help to identify products and reduce inventory costs.

- Logos and other graphics
- High definition barcodes
- Print product specifics

Product Coding

When you need to print directly on the product itself, IPS is an ideal solution. Its high resolution capabilities make printing on almost anything a breeze. From tablets to lumber, the design of IPS means that it can fit into almost any environment, any application.

- High resolution graphics capability
- Direct printing for security applications

Industrial Print System (IPS)

The complete coding system.

Encoder & Sensor
Interfacing directly into the Print Controller, these compact sensors can detect speed and the position of packages.

Operator Interface:
A touch sensitive screen that allows the user to layout print jobs, start and stop the system and monitor statistics.

Print Controller
The main interface for the pens, sensors and encoders. Print Controllers can be daisy-chained together to create larger print systems.

Pens
Multiple pens stall designs allow for ultimate mounting flexibility. Accepts easily replaceable, HP print heads.

Ink Options
Cartridge or bulk ink systems, dependent on usage requirements. There are a wide variety of different inks available to suit specific substrates.

Total solutions.

The IPS system includes everything needed to make package coding simple and productively – hardware, software, inks. All designed to work together seamlessly and proficiently.

Hardware

From rugged, industrialized pens to the touch screen that allows the operator to manage print jobs, start and stop the system and monitor multiple production lines, IPS has it all.

- Pens
- Encoders and Sensors
- VGA color Operator Interface
- Print Controller
- Cables
- Mounting options

Software

At the heart of IPS, is inc.jet's proven and highly dependable software. Based on Windows CE, it can be accessed via the touch screen or from a remote PC. And with template design capability from a separate PC, multiple jobs can be created.

- Create complex coding jobs simply and quickly
- Monitor and control from touch screen
- Intuitive navigation
- Fully graphical interface
- Can control up to 64 separate pens
- Allows for interface from other data sources

Inks

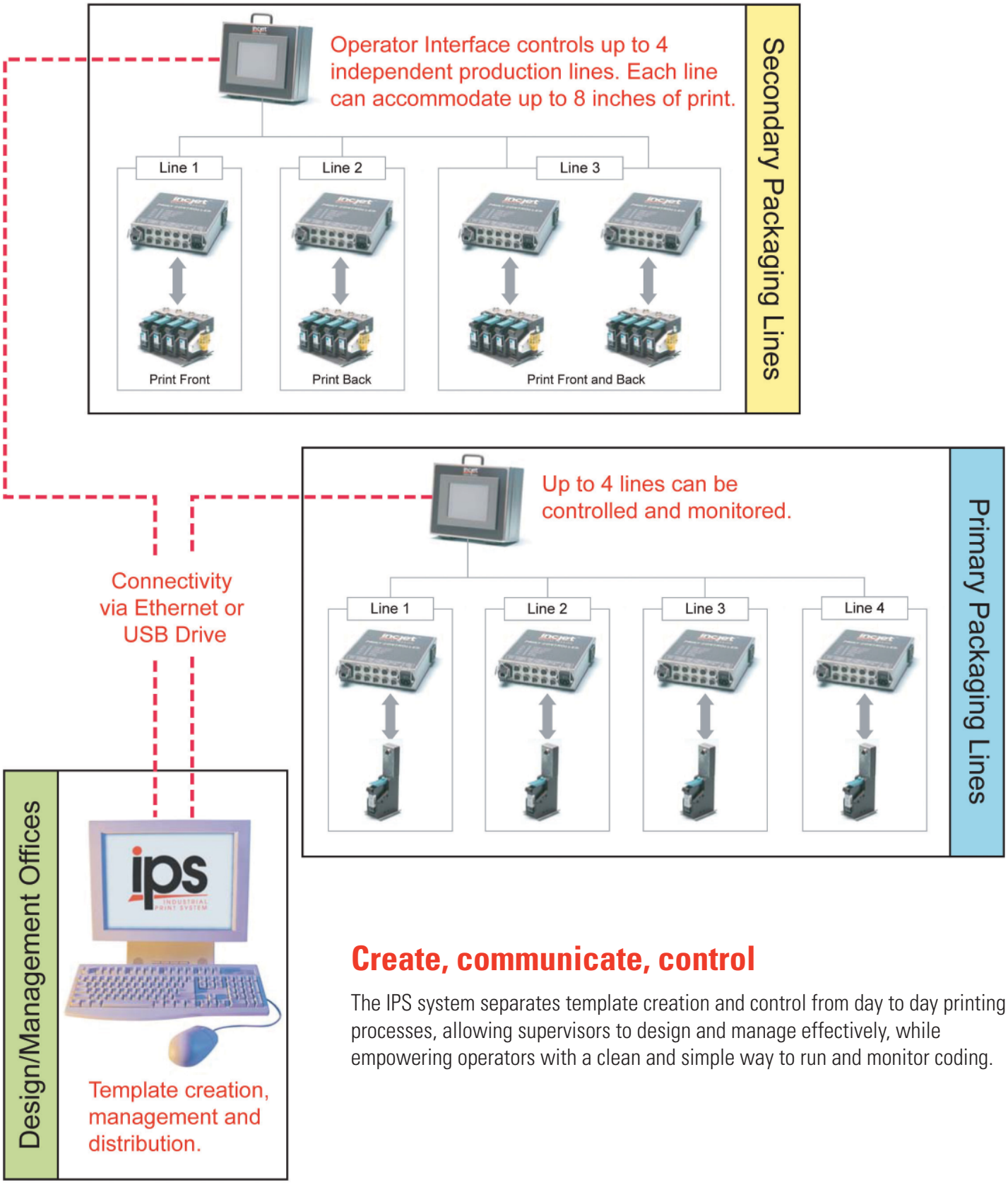
One of the strengths of IPS is its ability to print anything, anywhere. Supported by the widest choice of specialty inks, small and large character coding is supported on a diverse range of materials and applications.

What's more, inc.jet supplies the ink in either cartridge or bulk systems for maximum flexibility.

- Black—for all stocks-coated/ uncoated, fast drying, smear resistant
- Color—14 stock colors & custom PMS available
- Invisible—for security applications, counterfeit protection & track/trace
- UV curable—for all nonabsorbent materials
- Solvent Based—designed for aqueous/acrylic coated stocks

Industrial Print System (IPS)

Configured to your needs.



Create, communicate, control

The IPS system separates template creation and control from day to day printing processes, allowing supervisors to design and manage effectively, while empowering operators with a clean and simple way to run and monitor coding.

IPS software suite.

IPS Director™

Developed on the Windows CE platform, IPS Director software is embedded into the Operator Interface and provides printer configuration, control, and monitoring.

The interface allows the user to monitor a wide variety of operating conditions including job types and counts and even ink usage, all in real-time. And with the ability to support up to four separate print lines simultaneously, monitoring and controlling from single point, IPS Director can save both time and money.

- Monitor and control up to 4 lines from one Operator Interface
- Check ink levels including print nozzle condition
- View job and print statistics in real time
- Manage and load jobs effortlessly

IPS Producer™

IPS Producer™ separates template creation and control from day to day printing processes, allowing supervisors to design and manage effectively, while empowering operators with a clean and simple way to run and monitor package coding.

Operating on any computer running Windows, it permits the creation of print templates that can be exported into the Operator Interface via an Ethernet connection or by using a USB thumb drive.

With IPS Producer, a wide variety of print data is supported in the design phase - Static and Dynamic data can be readily integrated into the creation of templates. This includes time based variables, barcodes, counters, even images, all in a software interface that is intuitive and simple to learn.

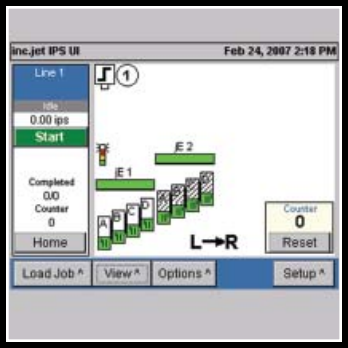
- Any number of IPS print lines can be supported
- Template creation in minutes
- Create Static and Dynamic data connections
- Time based variables, counters, images can be placed into any template

IPS Assistant™

IPS Assistant™ is built to support your business and printing processes with information available to you 24/7. It is a password protected site where current users of IPS technology have access to a wide variety of materials from Manuals, troubleshooting guides, even software updates.

Registration is a breeze, with a simple on-line process using your specific user name, obtained when purchasing IPS equipment, at a dedicated web site – www.IPSHelp.com. The service is free to registered users.

- Manuals
- Troubleshooting
- Ink Application Guides
- Datasheets
- Software Upgrades
- Technical Support
- And much more



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