

## jet.engine Print Solutions

*Variable Printing that Adapts to You*



## jet.engine Print Solutions:

*Variable printing that adapts to you.*

### Flexible, controllable, practical.



The jet.engine is a highly recognizable print head that is flexible, controllable and extremely practical

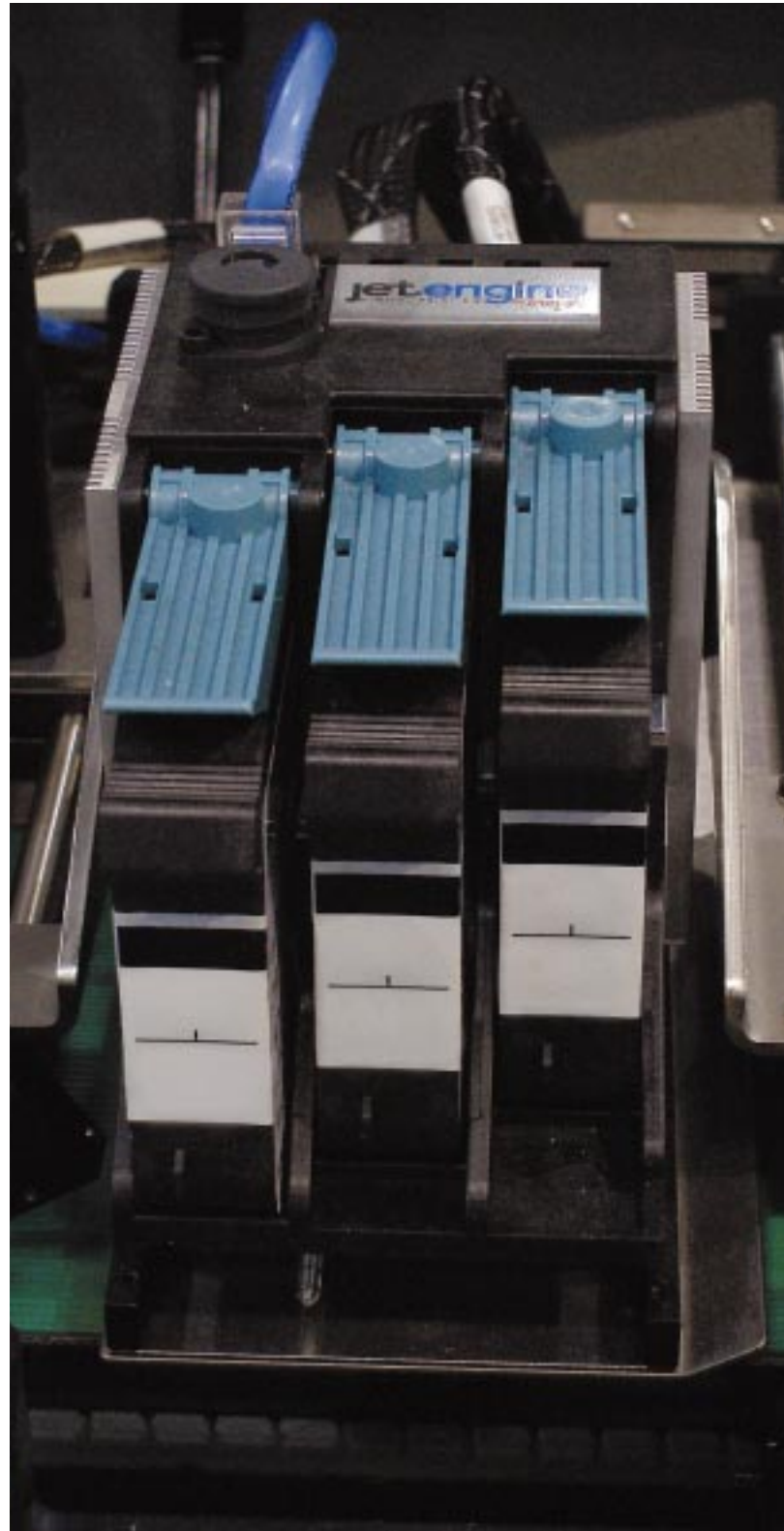
– its “no-mess” high quality output and easily integrated technology ensures its applicability in almost any situation and on any surface. Having the ability to control print jobs from set up, all the way to output, the jet.engine delivers solutions without the hassle and expense of purchasing a bulky, complicated printing system.

### HP innovation.



The very foundation of inc.jet's printing solutions is HP thermal inkjet technology (TIJ). Having led

the way in TIJ for more than two decades in the industrial market, HP designed a highly cost effective, invaluable solution for specialty printing needs. The highly controlled ink drop placement allows for smaller images/characters to be printed with more precision, higher resolution and at faster output times. Rugged enough for harsh manufacturing settings, while still defined enough for delicate printing, this inexpensive technology is applicable in numerous industries and media.



## Print on Anything, Anywhere

From pharma to postcards, lumber to lottery tickets, the jet.engine has the flexibility to produce high quality print almost anywhere and on any material. As a result of its space-efficient dimensions and scalability, there are almost no limitations on its applicability. You dictate your printing needs and let inc.jet's solutions do the rest.

- High speed, high resolution
- A wide range of inks for printing on any surface
- Add width and/or color for different print jobs
- Readily expandable for any application

## Integrating High Quality Print Capability

Whether the outcome is processed by human or machine, the jet.engine has the power to deliver every time. From software control to hardware, ink delivery mechanisms, to a wide variety of inks, inc.jet technologies can be easily combined with other machinery to enhance or even add print functionality.

- Windows based software allows for easy print job control and monitoring
- Range of hardware options for most environments
- Software designed to keep things simple
- Inks in multiple sizes, colors

## Minimized Ownership Costs

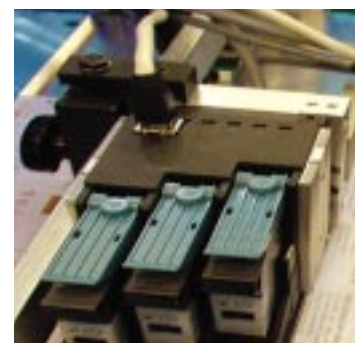
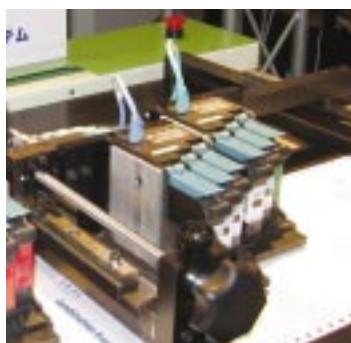
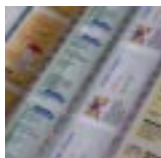
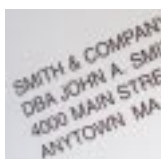
The main value that inc.jet's solutions bring to a business is reduced ownership costs—expenses that are not limited to just the price of hardware or ink, but encompasses dependability, maintainability and longevity. The effectiveness of the jet.engine to consistently deliver outstanding print performance day in, day out, means you can get on with the business of printing.

- No more mess
- No costly down time
- Low maintenance
- Reliable print quality

## Proven, Dependable, Deliverable

inc.jet technology has printed billions of characters cleanly, clearly and with precision, proving itself time after time. With origins stemming from HP thermal inkjet technologies, there's never a need to ask if it performs; only how it can perform for your specific application.

- Trusted HP technology
- Measurable results
- Established installed base in mail graphics/packaging industries
- Unparalleled output

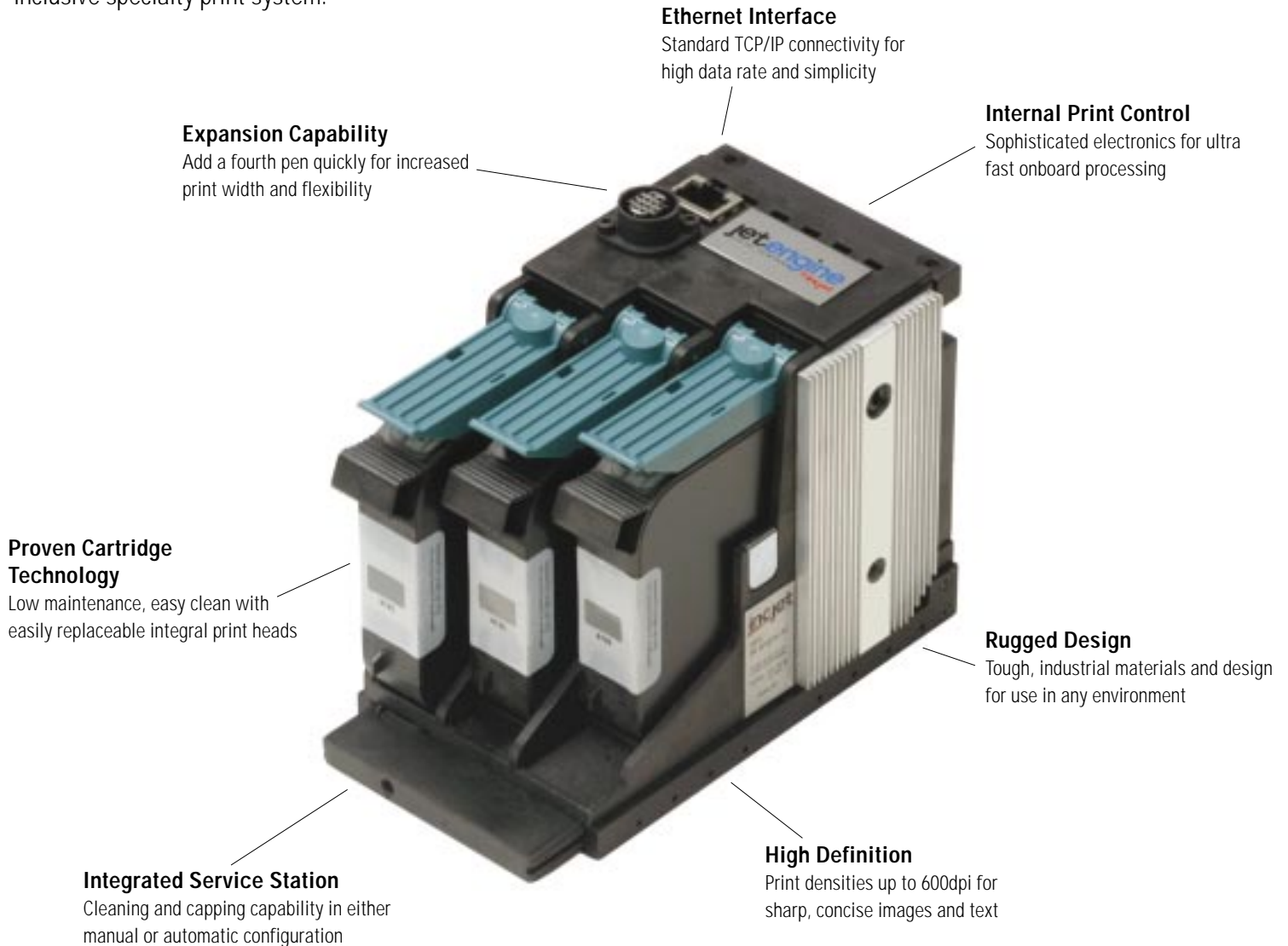


**jet.engine Print Solutions:**

*Taking print technology to new heights.*

## High speed, high resolution.

The jet.engine provides a variety of options and applications that fit your company's specific needs, while giving you the opportunity to expand and further develop your printing capabilities. Highly adaptable hardware that allows you to exceed your previous printing capacity, inks that will print on virtually any substrate, and software that puts full control at your fingertips; the jet.engine presents itself as an all inclusive specialty print system.



## Hardware

inc.jet's hardware options include everything you need to implement these sophisticated HP based print solutions in almost any environment and application.

- Wings—mount multiple jet engines for a wider format, covering up to 64"
- Afterburner—if you need a little more, this additional pen adds on easily to expand print width
- Satellite System—gives you the freedom to individually manage up to four cartridges from one controller



## Software

A variety of methods are available to drive your specific print applications—from a Windows-based GUI (Graphical User Interface) to DLL control.

- GUI—Windows graphical user interface for designing, monitoring and controlling print jobs
- On-Board RIP—No separate controller needed, ripping performed in the print head
- Production DLL—Control & monitor real-time printing using COM objects
- Terminal Mode—Control GUI using your own applications & data files
- Control Tower—Integrates complex functions into one highly intelligent system



## Ink Delivery Systems

Depending on your needs and usage, inc.jet provides the means to deliver ink in small or large-scale formats.

- Cartridges—45ml for ultimate flexibility, come in variety of colors and print capabilities
- Bulk ink—
  - fuel.tank-800ml spill-proof system that connects directly to 1 or multiple pens
  - inc.tank-HP technology in 370ml cartridge design, provides consistent, even ink delivery



## Ink

At the heart of any printing solution is the ink—and inc.jet provides the widest range of specialty inks to enable printing on almost any substrate for maximum applicability.

- 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 non-absorbent materials
- Solvent Based—designed for aqueous/acrylic coated stocks





# jet.engine Print Solutions: *Printing redefined.*

## The package is everything.

The compact style and design of the jet.engine makes it a perfect fit within any packaging system. The ability to print clearly, consistently and on any surface makes the jet.engine an integral part of current packaging needs. And with an extensive range of inks available, inc.jet print solutions can print on almost any substrate. Now, high resolution, high speed, variable date printing can be used in a wide range of situations, simply and inexpensively.

## Manufacturing Environments

The jet.engine is an industrial strength print head capable of thriving in the most arduous environments. It is easily integrated into any current system because of its convenient size and variety of mounting options. Depending on individual specifications, the jet.engine swiftly and effortlessly prints both variable and constant data on both regular and irregular surfaces with continuous clarity.



*Printing wood grade marks comprised of legible text and graphics was a situation ideally suited to the inc.jet print solution. In a lumber mill environment, a metal ski protects the inc.jet print heads and bulk ink delivery system from the harsh knocks of wood processing.*

## Pharmaceuticals & Medical Devices

The ability to print proficiently on substrates such as Tyvek® and foil, make the jet.engine the ideal device in product tracking and identification. The skill with which the jet.engine delivers clear data provides a solution to costly dispensing errors and helps to maintain safety standards.



*Sterilization of printed packaging materials is just one of the many conditions that the inc.jet print solution had to encounter—specialty inks capable of printing on a range of suitable materials solved this issue. And with the single jet.engine printing clear, clean and precise variable data, it has proved ideal for a wide variety of pharmaceutical applications.*

## Consumer Packaging

Its highly adaptable nature allows the jet.engine to quickly be integrated into any packaging system, thereby reducing the need for a separate printing machine. This flexibility allows the user to print batch numbers, serial codes and expiration dates in the same production line.



*Printing on both primary and secondary packaging, a number of different jet.engine configurations, ranging from single to multiple, printed variable serial numbers and fixed product identification on an assortment of substrates. The benefits are clear—flexibility, throughput and quality.*

## Captivating colors, clear results.

Whether your project requires brilliant colors or basic black, the precision and undeniable quality that jet.engine delivers leaves you with sharp, clear images. Flexible and manageable, it easily integrates into your current system, eliminating your need for a separate printing system. In numerous applications in the mailing and finishing industry, inc.jet print technologies have proven to be the ideal solution in terms of flexibility, quality and output.

### Direct Mailings

The quality, variety and versatility that jet.engine brings to direct mail campaigns will enable effortless customization and proficiency, while ensuring profitability. The capacity to change cartridges/colors quickly and with ease makes it the ideal tool in making vibrant rich mailings without unnecessary downtime.



*Numerous colors, multiple print heads and a wide variety of possible print applications make the inc.jet print solution perfect for direct mailings. With the ability to change not only colors rapidly, but also the inks themselves, the jet.engine provides for printing on the largest range of print substrates.*

### Mail Addressing & Finishing

High resolution printing for all variable data, the jet.engine swiftly performs numerous tasks such as barcoding, personalized messages, addresses and even company logos. Easily incorporated, it works in harmony with current machines, allowing full print control from start to finish.



*A mail finisher, with twin jet.engines installed used the inc.jet solution to print variable addresses on large size envelopes. And with multiple color cartridges, changeable on demand, high quality effective corporate branding and marketing messages are a breeze.*

### Web Based Printing

The ability to be configured as a wide format printer enables multiple pieces of data to be printed at the same time, increasing efficiency. Printing can be done in any color and cartridges can be changed just as quickly as in a personal printer, allowing for multiple colors for different segments.



*Stitching multiple jet.engines together, web printing becomes an obvious application. With jet.fuel bulk ink delivery systems in place for the increased ink demand, this highly effective and colorful solution provides variable data printing with maximum impact.*



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