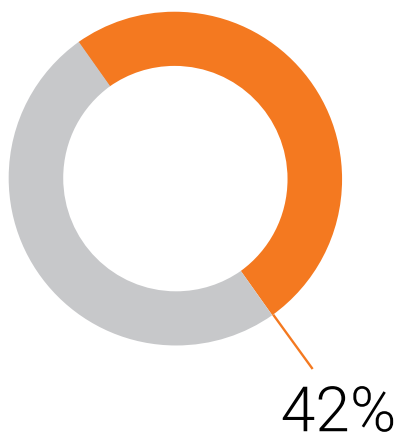BLUECREST™

IntelliJet 20® printing system

Make your move to colour.

High-speed colour inkjet printing

Gain a competitive advantage.

42%

According to a consumer study by InfoTrends, 42% of consumers would like their statements easier to understand.

Ready to make more impact? Transform your business and give it a competitive advantage with industry leading print quality.

The IntelliJet 20® printing system produces highly personalised transactional mailings, at up to 500 152 metres (500 feet) per minute with up to 2400 nozzles per inch native resolution. It's designed to help you achieve operational excellence while producing higher value communications.

A flexible and upgradeable system, the IntelliJet 20 supports a wide range of paper substrates so you can print more types of applications on a single platform. It replaces and outperforms toner-based monochrome and colour systems, enabling you to increase output within the same floor space.

Print more, in less time.

Tight deadlines? No problem. This 520.7mm (20.5-inch) web accommodates 2-up format at up to 2,053 impressions per minute.

- Flexible print modes let you control the speed and print quality you need to meet client demands
- Print up to 152 metres (500 feet) per minute
- Process complex transactional jobs and more
- Produce up to 58 million A4-sized impressions per month
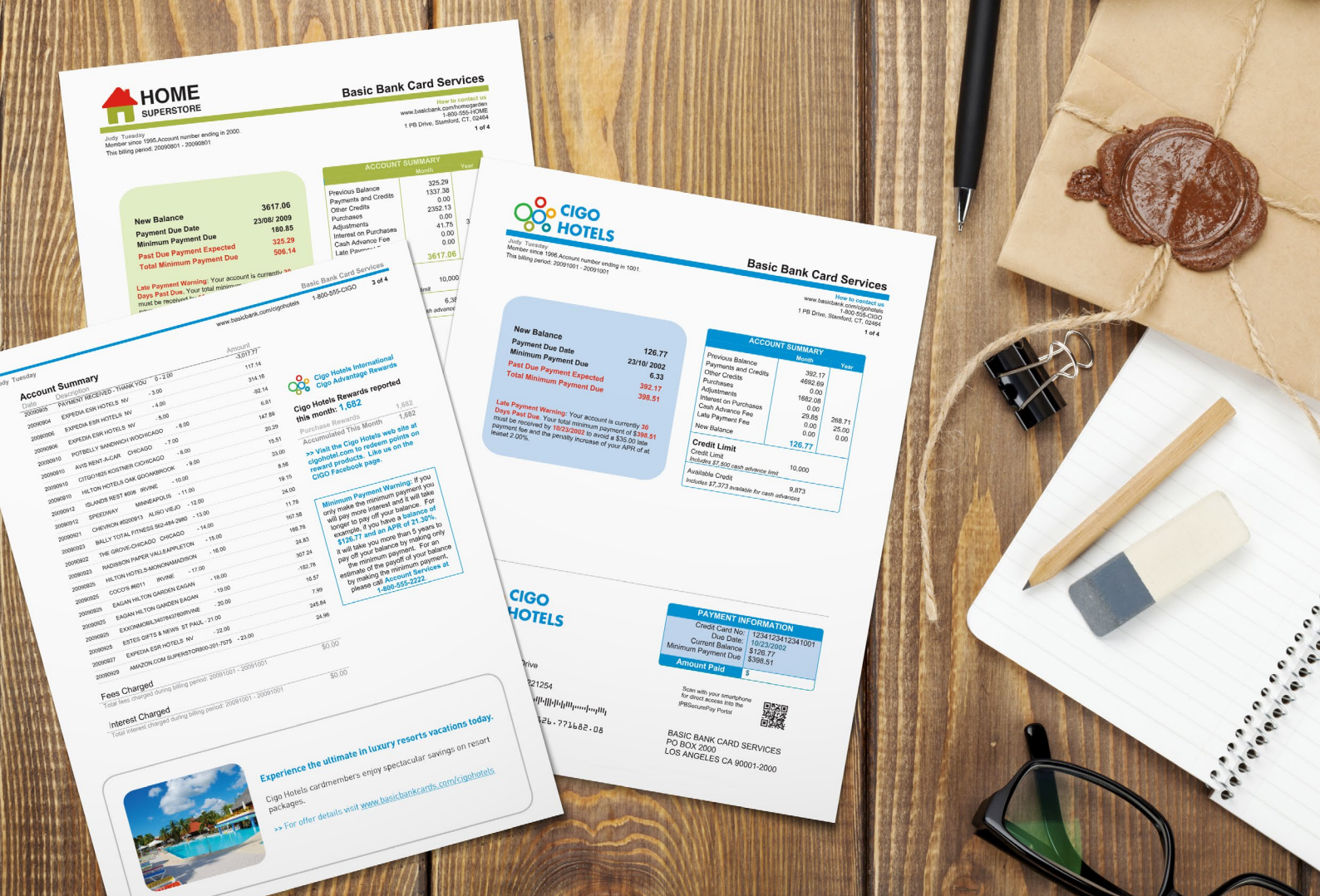
Keep costs low, every day.

You'll gain more control over operating expenses and consumable costs.

- Replace multiple monochrome printers, saving labour, space and service costs
- Integrate with a wide range of pre- and post-processing devices
- Print on a wide range (40-215 gsm) of standard offset media instead of expensive coated stocks
- Eliminate the cost, storage and waste associated with pre-printed forms and envelopes
- Co-mingle smaller jobs and print in presort order to save on postage

Do it all, effortlessly.

Produce high-impact communications with accuracy and precision.

- Process and transform all common Page Description Languages (PDLs) including AFP, PDF and IPDS
- Migrate and merge your existing applications
- Produce financial documents with secure, in-line
- Optimise output for high-speed inserting and mailing

Colour, without compromise.

This IntelliJet system provides the foundation for an integrated white paper factory approach. Create mail that's compelling, targeted and accurate using 100 percent variable data colour print. You can add cross-sell offers, full-colour graphics and clear payment details on every statement to grow revenue and customer satisfaction.

Create greater impact.

The crisp, high-quality output rivals offset printing, with leading inkjet technology and pigment inks that provide a wide colour gamut and durable output across a variety of substrates.

- Produce high impact communications with up to 2400 nozzles per inch native resolution with High Definition Nozzle Architecture
- Nozzle redundancy maintains high print quality throughout long print runs
- True black ink provides superior optical density
- Durable output stands up to folding and inserting with no loss of quality

Where industry-leading support meets successful outcomes

BlueCrest offers world-class support and comprehensive services that optimise your system. You can count on BlueCrest Global Services to address your unique operational needs.

- Leverage the proven skills and expertise of our dedicated global team for best-in-class installation, integration and implementation services.
- Achieve optimal performance with industry leading technical and maintenance support.
- Optimise equipment and workflows to best process your jobs and applications
- Maximise performance with the right repair services, technical support and parts strategies

Perform brilliantly.

Proven, flexible and upgradeable platform allows you to invest with confidence.

Produce MICR print in-line with integrated imaging solution.

Print 100% variable content with precision.

Configure pre/post processing options to match mail finishing inputs

Process a range of PDLs including Metacode, LCDS, AFP, AFPDS, PS, PDF and PCL. IPDS optional.

Based on the HP PageWide Web Press T-240 Series.

Maximise productivity and profits

The IntelliJet 20® printing system combines proven HP inkjet technology and BlueCrest Output Management software, hardware and support services to streamline and improve your entire print and mail process.

- Output management and ADF software
- Printing systems
- High-speed inserting
- High-speed sorting
- Mailpiece integrity solutions

Fast and flexible. Print up to 152 metres (500 feet)/min colour or monochrome in Performance Mode or Performance HDK Mode or up to 76 metres (250 feet)/min colour or monochrome in Quality Mode.

Accept a wide range of paper including plain uncoated stocks. Optional in-line priming technology.

Excellent print quality with up to 2400 nozzles per inch native resolution High Definition Nozzle Architecture .

Easily migrate applications using a 20.5-inch web width.

High-quality inkjet printing that's highly personalised, productive and profitable.

Move from insight to action faster with Clarity™

Gain transparency across your print and mail operation with intelligent insight to help drive maximum operational performance, efficiencies and cost savings. Adding Clarity to your operation enables predictive and collaborative course correction with greater insight into the interaction between machines, jobs and operators.

- Gain precision in your decisions with 24/7 visibility.
- Understand the root cause of operational issues across system, workcell, operators or workflow.
- Optimise capacity planning to meet SLAs.
- Meet stringent requirements for regulatory and data security.

Specifications

	IntelliJet 20® printing system	IntelliJet 20® HD printing system
Throughput	Up to 122 metres per minute colour or monochrome	Up to 152 metres per minute colour or monochrome in Performance Mode Up to152 metres per minute colour or monochrome in Performance HDK Mode Up to 76 metres per minute colour or monochrome in Quality Mode
Impressions per minute	Up to 1,642 A4 impressions per minute, 2-up format	Up to 2,053 impressions per minute, 2-up format
Resolution	1200 nozzles per inch native resolution standard, upgradable to High Definition Nozzle Architecture	**Quality Mode:** 2400 nozzles per inch native resolution **Performance HDK Mode:** 2400 nozzles per inch native resolution in monochrome and 1200 nozzles per inch native resolution in colour **Performance Mode:** 1200 nozzels per inch native resolution
Media	**Handling:** tight web continuous roll feed **Types:** wide range of standard uncoated offset media and inkjet-optimised coated media **Width:** up to 520.7 mm **Weight:** 60-215 gsm	**Handling:** tight web continuous roll feed **Types:** wide range of standard uncoated offset media and inkjet-optimised coated media **Width:** up to 520.7 mm **Weight:** 40-215 gsm
Printing	**Technology:** HP Thermal Inkjet **Ink type:** water-based HP pigment inks and Bonding Agent **Ink colours:** CMYK, optional MICR **Printable width:** up to 520.7 mm **Duty cycle:** up to 48 million A4 size impressions per month	**Technology:** HP Thermal Inkjet **Ink type:** water-based HP pigment inks and Bonding Agent **Ink colours:** CMYK **Printable width:** up to 520.7 mm **Duty cycle:** up to 58 million A4 size impressions per month
Input file formats	Metacode, LCDS, AFP, AFPDS, PS, PDF and PCL. Optional: IPDS.	
Print controller	IntelliJet® Print Process Manager, standard. Optional: IPDS Controller.	
Dimensions (H x L x W)	Straight line configuration: 2.7m x 7.8m x 3.0m Actual dimensions are dependent upon final system design and configuration	
Operating environment	Temperature range: 15-30° C/ Humidity: optimal 25-45% RH; maximum 25-80% RH (non-condensing)	
Power requirements	Electrical voltage: 400VAC, 3 phase / Power consumption (idle): 6 kVA Power consumption (typical production environment): 20 kVA	
Optional accessories	HP QuickVision Quality Image Check, Dryer Expansion Module, Inline Priming System, Moisturiser System	

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