Commercial

Publication Gravure

Packaging

Newspaper Printing

We turn pressrooms into models of efficiency.

And, not infrequently, printers into heroes.

QuadTech®

Our passion is ***your success.***™

<QuadTech> can help you become something of a

we make what are arguably the world's finest automated press controls

<miracle worker>. Even in this competitive industry,

improving quality and increasing production without exceeding the budget

our <solutions> can give you unique <competitive

everything from register and ribbon control to integrated automatic color control

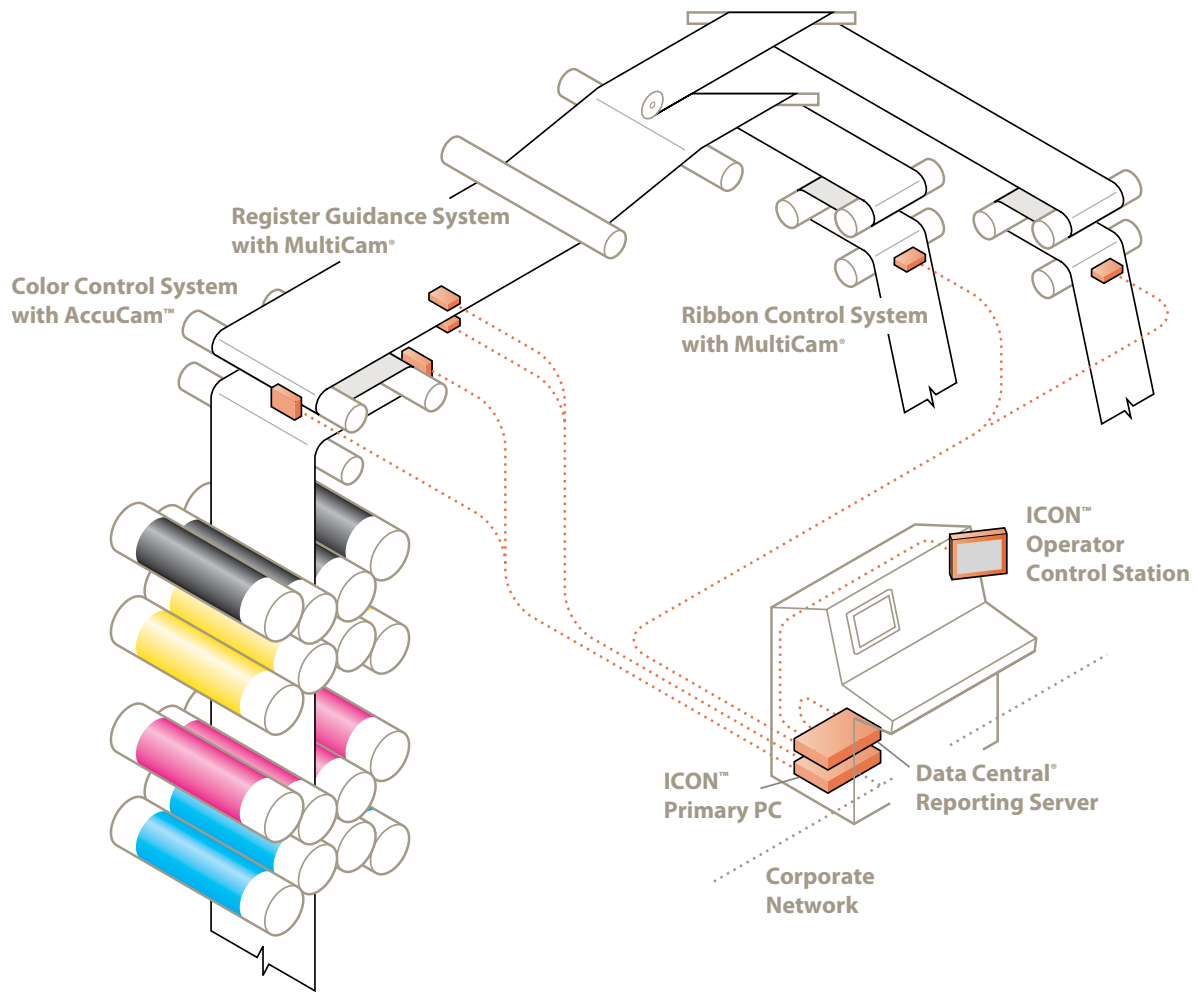# advantages> – and enhance your <bottom line>.

unsurpassed quality and competitive pricing

you'll be amazed by the ROI potential

These days, a newspaper printer is expected to be something of a miracle worker. First, you're called upon to improve quality in order to attract contract-printing buyers … to compete more effectively against other media for limited advertising dollars … and to attract new readers as well as former readers who have turned to other sources for their news. Then you're supposed to increase print capacity to accommodate all those new customers, advertisers and readers. And you're expected to do it all without a proportionate increase in budget.

Fortunately, QuadTech offers a comprehensive range of solutions to help you do all of these things, and more. In fact, our solutions can make you a hero in even the most price-sensitive situations.

Here's how.

Register Guidance System with MultiCam®

Color Control System with AccuCam™

Ribbon Control System with MultiCam®

ICON™ Operator Control Station

ICON™ Primary PC

Data Central® Reporting Server

Corporate Network

Exceptional efficiency. With QuadTech tools, your operators will spend less time learning, less time fine-tuning, less time troubleshooting. Add our ICON™ product platform to the mix, and they'll also spend less time running it all, since your automated systems will all be accessible from a single, centralized and exceptionally easy-to-use Operator Control Station. And because achieving color quickly has never been easier, the QuadTech® Newspaper Color Control System generates instant labor savings and higher productivity.

Uncompromising quality, in spite of faster throughput. It's the natural byproduct of using technologies such as the QuadTech® Register Guidance System, which relies not on off-the-shelf hardware but on camera technology that we developed ourselves especially for printing applications.

Dramatic waste reduction, too. The only way to improve quality and quantity without spending more is to reduce waste. Consider it done: Products such as the QuadTech® Ribbon Control System are engineered specifically to minimize the waste associated with makeready, startups, stops, tension upsets and splices.

A better bottom line. All of these advantages can obviously add up to fast payback. But QuadTech also offers you some less-obvious ways to enhance your return on investment. Just one example: In addition to improving quality and streamlining operations, the QuadTech® Data Central® system makes it easy to quantify your on-press performance, to minimize rebates and ensure that your operation gets full credit for the actual quality of your work.

Color Control System Run Screen

The QuadTech® Newspaper Color Control System with AccuCam™ is the most advanced image-based color control system available.

<Waste not>, want not is still pretty good advice –

how to improve quality, quantity, and the bottom line

QuadTech® Newspaper Color Control System with AccuCam™

We've leveraged our deep insight into your newspaper and semi-commercial printing needs, along with our vast product development expertise, to create the most advanced image-based color control system available.

Exceptional accuracy. Our AccuCam is a proprietary 6-channel spectral sensor. Using QuadTech's patented color control technology, the AccuCam provides CIELAB-based color control, eliminating the need for color bars or gray bars. Instead, this closed loop control system obtains target aim point values from a high-resolution prepress file. The result is unequaled color control, quality and reliability.

Reduced labor. Increase production with less labor. Fully automatic, our system achieves color accuracy quickly to free up operators, produce less

startup waste and generate higher productivity. Our proprietary 6-channel spectral sensor technology minimizes operator intervention.

Improved profitability. Superior color control and reliability means less advertiser rebates. Increased color capacity adds value for your newspaper and semi-commercial customers. And, space that was once taken up by visually unappealing color bars or gray bars can now be used for additional advertising.

Ease-of-use. Our system is designed so that your operators – regardless of experience level – can be equally productive with very little training. Multiple press controls can be run from a single ICON Operator Control Station. With minimal screens and buttons, no time is wasted navigating through extensive screens.

Low maintenance. Designed specifically for the newspaper printing environment, our color control system addresses all your particular maintenance challenges. OptiGuard™ keeps lens free of contaminants. And our long-lasting LED lighting minimizes downtime.

Let's explore the possibilities. We'd like to tell you more about our unique solutions for today's newspaper pressrooms – and show you what kind of ROI you can expect.

For details, please contact your QuadTech representative today.

Register Guidance System Run Screen

The QuadTech® Register Guidance System with Vector® is an automatic, closed-loop color-to-color register-guidance system designed to meet the needs of both commercial and newspaper printers.

especially for printers working with <tight budgets>.

an investment in waste-minimizing technology pays for itself very quickly

QuadTech® Register Guidance System

As our flagship register-guidance product, this system ensures superb color-to-color registration, job after job. It relies not on off-the-shelf hardware but on camera technology that we developed ourselves specifically for printing applications.

Outstanding quality is standard with this system – the result of a wide range of current and evolving capabilities, including automatic phaser control. It also gives you the freedom to select continuous, makeready, per-web phasing, threshold speed, and minimum auto-move per unit.

And there's more. You can select from a range of additional enhancements, including motorized transport for efficient camera positioning, as well as anti-embossing to compensate for a variety of press and paper issues – a capability that allows your operators to maintain their normal blanket-wash cycle, in the process preventing unnecessary waste and downtime.

The QuadTech® MultiCam® multifunction camera can consolidate all the color-to-color register-, ribbon- and cutoff-control functionality of your press controls in one high-speed, high-performance system. You can tailor your controls to the job at hand instead of the other way around.

Ribbon Control System Run Screen

Here's <everything you need> to make your shop

network-based integration and advanced data management

QuadTech® Ribbon Control System

The leading-edge member of the QuadTech print-to-process control family, this remarkable system was engineered to meet the emerging demand for closed-loop ribbon control – especially critical for anyone operating wide-web presses and multiribbon folders.
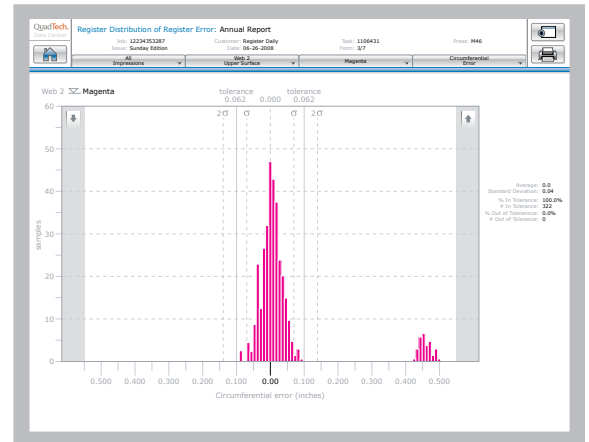
Improved quality and consistency are routine with our Ribbon Control System. It automatically corrects for any deviations in print-to-process register to improve quality, reduce makeready waste, and ensure consistent print-to-cut, print-to-fold and crossover register.

Saving time and money is automatic. That's partly because our Ribbon Control System offers instant access to an exhaustive job-configuration library and automatically positions the camera to speed makeready. Partly, because it minimizes the run waste normally associated not only with makeready, but also with startups, stops, tension upsets and splices. What's more, the unique OptiGuard™ keeps the camera's optics clean for extended periods, minimizing maintenance downtime.

Data Central Distribution of Error Report

The ICON network can be operated by a single ICON Operator Control Station. QuadTech ICON platform products include our leading-edge systems for register guidance, ribbon control and color control.

a showcase of <high-efficiency> printing.

optimizing labor, materials and equipment,
all in the name of pace-setting profitability

ICON Integrated Platform

From the standpoint of operating efficiency, the network-based ICON integrated platform represents a true breakthrough in pressroom automation.

Efficiency is ICON's major goal. It allows your staff to quickly recall and apply stored job setup data from the central ICON Operator Control Station. It eliminates the need for (and errors associated with) manual re-entry of such data, providing you with makeready savings in terms of equipment setup time, labor and materials.

Ease of use is essential for efficiency. Our ICON interface is easy to learn and apply. It helps make your staff more productive from the first day they use it.

Flexibility is another important ICON quality. It easily integrates with your press system, regardless of OEM. Plus, as new technologies and innovative ideas emerge from QuadTech, you'll be able to expand your ICON network as needed – easily and affordably.

QuadTech® Data Central®

The QuadTech® Data Central system can help you capture the full productivity and print-quality potential of today's most advanced press controls.

Achieve optimized performance and efficiency with the Data Central® Performance Reporting Module™. It collects performance and event data from all your ICON-platform control systems and gives it back to your staff

in the form of easy-to-interpret graphs, reports and charts. You can use this information in a variety of ways – most notably, to improve the performance and efficiency of your presses and processes.

And then there's rebate relief, a Data Central benefit that adds up to major savings. Your staff simply uses the Performance Reporting Module to quantify the quality of each job. They can then generate reports to show customers the precise extent of any quality issues.

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