Since its incorporation in 1979, CC1’s business has been dedicated to providing web printers with leading edge solutions to their print quality needs.

In the early 1980’s, CC1 rocked the web printing world with the introduction of its Image Processor, the first-ever web press video. The Image Processor was ground-breaking in finally making it possible for web printers to “see” what they were printing real-time, allowing for increased product quality and reducing run waste.

CC1’s Image Processors were pre-eminent at that time on wide-web flexographic, rotogravure, and roll-to-roll web offset presses.

The years of experience garnered with its Image Processors allowed CC1 to introduce today’s ultimate solution for economical video web inspection; the Visionary Web Video. This flexible, affordable system is the first and only web inspection system to utilize state-of-the-art digital camera technology.

Utilizing digital camera technology, CC1’s Visionary offers ultra-high resolution pictures with an SXGA 1280 X 960 pixel count. This translates into significantly better picture quality in comparison to the 3CCD analog cameras used in most other high-end video systems (offering only a 752 X 582 pixel count). Further, the picture “noise” typical of these other systems caused by necessary analog to digital converters is eliminated with the Visionary.

The Visionary features CC1’s proven Viewpoint™ Touchscreen User Interface running on MSWindows. Camera movement is as simple and fast as dragging a finger across the touchscreen.

Standard Viewing Features include Sequence Points, Multiscreen, Tracking, and Full Scan. Optional Dual-Display Monitors are available for two-camera systems where front-to-back viewing is a requirement. Every Visionary ships fully configured for CC1’s unparalleled remote service via modem or internet.

As with all CC1 equipment, the goal for the Visionary is that every installation will serve as a reference for 100% satisfaction with both system performance and after-installation support.
“The trend in the direct mail business is for more colors, shorter run lengths, and tighter registration requirements. We needed these systems from CC1 to help us maintain our registration quality, reduce waste, and improve productivity. The CRC-610 Automatic Register Control and the Visionary Web Inspection system from CC1 have done exactly what we needed them to do.”

John Fak, Director of Operations, ReproGraphics in IL

Technology Features

The Visionary is a compilation of CC1’s 20+ years of delivering high-tech video systems to the web printing industry. It features Viewpoint™, the most user-friendly touchscreen interface available in the market today combined with state-of-the-art digital camera technology to provide users with high-resolution, noise-free images of the moving web. Web inspection tools such as video sequencing, multi-screen, tracking, and image enhancement are all standard. The Visionary is fully supported through CC1’s unparalleled remote service via modem or internet connection.

- High Resolution Digital Camera with SXGA 1280 X 960 pixel count
- Pentium-based Processor in an Industrial Grade PC box enclosure
- Field-of-View approximately 4” X 3” with 17X magnification
- Digital Encoder with Quadrature Technology
- Xenon strobes
- Remote Service
- Modular Design for easy self-installation