Educational print centers face the challenge of producing custom learning materials from numerous sources including digital information and hardcopy. These sources often include components from outside authors requiring permission from the author, publisher, or a copyright clearing house.

Production specialists spend many hours capturing, cleaning, and manipulating hardcopy for inclusion with other components. The same text may be scanned multiple times for different course packages, or rescanned for subsequent reprints or semesters causing duplication of labor. Storage of complete master sets requires a large amount of physical space.

Copyright managers routinely handle hundreds of copyright permission requests to hundreds of grantors each requiring different forms and submission methods. Once permission is granted a bibliography must be assembled for each publication.

**INTEGRATE IMAGE CAPTURE, ASSEMBLY, PERMISSION TRACKING AND PUBLISHING**

*UltraWare™* provides an end-to-end production printing system addressing image capture, manipulation, printing, and content management. Alto Digital Publishing (ADP) manages all information associated with each document, automatically generating permission requests and tracking permission status, royalty costs, and payments. Bibliographies are created automatically by ADP.

**CUSTOM PUBLICATION ORIGINATION AND PROOFING**

- Add original content online or submit bibliographic references using simple web-based interface
- Associate key data for each component including title, course name, term, estimated enrollment, and professor
- View content remotely for proofing and revision of existing content or component addition

**CAPTURE AND CLEANUP**

- Scan hardcopy using any TWAIN compliant capture device
- Drag and drop pages within or between multiple documents
- Deskew, Despeckle, Cut, Crop, or Shift individual or multiple pages
- Split facing page book-scans and Rescale or Re-order pages on the fly
- Scan or Make Tabs using multi-line text or image data

**CREATE AND TRACK PERMISSION REQUESTS**

- Generate Permission Letters for each grantor on grantor’s form
- Use the built-in internet link to the Copyright Clearance Center to automate the permission and royalty costing process or submit permission letters via print-and-mail, e-mail, or fax.
- Update Permission Status and royalty costs quickly and easily using web-based interface
- Generate Bibliography automatically for each Custom Publication
- Generate reports with any ODBC compliant reporting application

**PUBLISH IN PRINT, ON TIME**

- On demand printing of Custom Publication directly from content management system to print server
- Overlay Headers/footers, Page Numbers, Variable Data, or Barcodes at print time
- Output to virtually any print device using a common Custom Print interface
- Print locally or to remote sites from a single UltraWare print server
CONTENT MANAGEMENT
- Content accessible using web-based interface with control over viewing, adding, updating, or local printing
- Reprint or reuse existing component (article, periodical, text) in multiple publications

COMPLETE CUSTOM PUBLISHING AND COPYRIGHT MANAGEMENT
- Track hundreds of copyright requests quickly and easily reducing time spent manually managing the copyright process
- Easily generate management or royalty reports for accurate accounting
- Reduce costs associated with completing multiple forms for multiple grantors
- Manage on demand printing of multiple publications of any size from a single integrated print server reducing time to print
- Create customized overlays including barcodes to streamline ordering and sales transaction process

EASY IMPLEMENTATION
- Integrates with existing systems and business applications leveraging the value of existing documents and content
- Rapid deployment maximizes return on investment
- Minimal training requirements keep implementation costs low

SCALABLE AND SECURE
- User-level security controls access to sensitive data and operations
- Built on the Microsoft Server components allowing for scalability to an organization of any size
- Relational database architecture based on the Microsoft SQL server platform using ODBC compliant data access

Contact us for more information and check out why many major educational institutions have trusted Alto Imaging Technologies to manage their digital content and courseware production processes.

ULTRAWARE™ — THE POWER BEHIND THE PROCESS

UltraWare™ is a suite of custom publishing applications, which includes the following modules:

- **ARRANGER™** provides high speed, high volume, image capture, manipulation and sophisticated make-ready functionality
- **ULTRAPRINT™** manages high volume printing using a familiar explorer-like tree allowing easy assembly and output of even the most complex print job
- **ULTRADOC™** efficiently manages content of all types and integrates with all UltraWare™ applications. The included **ULTRAWEB™** provides use and management of content via the enterprise intranet or the Internet