

## API Sets – Application Programming Interfaces

### What It Is

The OnBase API is a set of programming interfaces for both Web and desktop application development. The APIs are used to create applications that require real-time access to OnBase content and workflow processes.

Typical uses for the API interfaces would be to provide dynamic content and Workflow process interactions to Web content management front ends, portals, CRM/ERP applications and other line-of-business applications. The **OnBase Archival API** provides the means for an external application to insert data files into an OnBase content repository. The **OnBase Reverse API** is used to dynamically query against and perform retrievals from external content repositories.

### How It Works

Built upon XML, Web, Windows and Java standards, the OnBase APIs enable remote or local applications to interact with the OnBase content and workflow repositories using standard COM, DCOM, HTTP and SOAP protocols. OnBase Web applications are compatible with firewalls and SSL/VPN connections for security and with multiple Web/application server farm deployments for enterprise scalability.

The APIs provide access to over 150 content management, archival, delivery and workflow process components that simplify the creation of custom applications powered by the OnBase backend. Custom OnBase API-based applications can easily leverage the advanced content viewing features of the OnBase ActiveX and HTML viewers to provide rapidly deployed solutions.

While the APIs are optimized for the Microsoft .NET/ASP.NET/COM technologies, they still provide flexible, cross-platform access from J2EE applications through support for both SOAP Web Services and a Java interface.

### Who Will Benefit

The OnBase APIs provide the ideal infrastructure for enterprises that are seeking a flexible, Web/desktop application server for real-time, online delivery of diverse content and shared workflow process data from OnBase repositories into custom applications such as Web content management systems, portals, and CRM/ERP integrations.

In Web environments, secure access to the OnBase content repository can now be provided to employee intranets, partner supply/delivery chains, and customer-facing extranets.

### Technical

- XML interfaces deliver metadata and content files in XML packages, to external application servers.
- Support for cross-platform and remote SOAP/XML-based applications and Web services.
- COM interface to content and workflow management objects. Also supports .NET, .NET Remoting, and Java APIs.
- Microsoft IIS-/ASP.NET-based Web application server is optimized for the Microsoft environment to maximize the integration opportunities with the Microsoft .NET Platform servers: Content Management Server, Biztalk, Commerce Server and Sharepoint Services/Portal Server.
- Extends scalable dynamic content delivery and workflow services to Web content management servers and portal servers.
- OnBase backend provides high volume metadata and file storage infrastructure with jukebox archiving and CD/DVD publishing options.
- Version control infrastructure provides persistent check-in and checkout of content.
- Advanced OnBase ActiveX and browser-neutral HTML document viewers are easily integrated for rich user functionality.