X·HIVE

Data Sheet

Navigating Through the "Bermuda Triangle" of Content Management

The combination of Linking, Versioning, and Configuration Management is known as the "Bermuda Triangle" of Content Management. The challenge associated with reusing content in a versioned environment causes ripple effects that are extremely difficult to address. Every CM system that has tried to integrate Linking, Versioning and Configuration Management has failed to provide the dynamic assembly capabilities that are needed to solve this complex problem.

The X-Hive/Docato CM system addresses these challenges unlike any other shrink-wrapped offering on the market today. Based entirely on XML, X-Hive/Docato stores documents as components and enables users to assemble entirely new documents from fragments within those components. X-Hive/Docato enables changes made at the source level to be automatically implemented in all related documents, which eliminates the need for re-keying, reduces redundancy, and makes it easier to edit, compile, and publish content around the globe. X-Hive/Docato addresses all three elements in the CM "Bermuda Triangle" as follows:

LINKING: As an example, in the airline industry—up to 90-percent of content is shared and reused in multiple sources. Airplane manufacturers send volumes of digital documentation to their airline customers, who in turn share that data with maintenance teams around the globe. At any given time, airlines may have tens-of-thousands of job cards which require content from the manufacturer's documentation systems.

Re-keying content from these sources consumes excessive time and effort—but X-Hive's linking functionality manages content by dynamically linking job cards to the data sources, to reuse that content. This capability ensures that job cards are always up-to-date as revisions are made to the source content and new job cards are produced. X-Hive's Link & Adapt functionality even allow engineers to modify content while maintaining the link to the original source.

VERSIONING: relates to maintaining multiple evolutions of documents over time. With traditional content management systems, the combination of linking and versioning can create a snowball effect of unwanted changes that compromises the content base. But X-Hive/Docato uses a model of abstract linking that eliminates unnecessary changes in referring documents, because the versioned information is not stored in a link. As a result, this solves many of the problems associated with advanced linking in versioned content.

In the Airline industry, regulations mandate that all maintenance activities be documented, audited, and shared with the geographically dispersed teams that service the fleet. Most airlines have mixed fleets, which means they need to manage different documentation systems from manufacturers such as Airbus, Boeing, Fokker and others. The act of processing, versioning, and merging the manufacturer's documentation can become a daunting task—But with X-Hive/Docato, this can be managed efficiently with minimal human effort.

CONFIGURATION MANAGEMENT: Over time, demands for complex documentation change. X-Hive's Configuration Management capabilities keep data consistent at all times, and provide the Document Engineering capabilities that help authors assemble new documents out of reusable components. Separating configuration from linking and versioning enables authors to build configurations in a rules-based fashion, based on criteria such as: time stamps; meta data fields; or explicit selected versions. These capabilities help authors assemble versioned and linked documents into new publications, with the exact configuration of choice, and they also help authors re-publish older documents in a quick & efficient manner.

In order to combine linking and versioning, CM systems must provide dynamic assembly capabilities. X-Hive delivers these capabilities—and helps companies save time, money, and effort—unlike any other vendor in the marketplace. For more information, please visit www.x-hive.com.