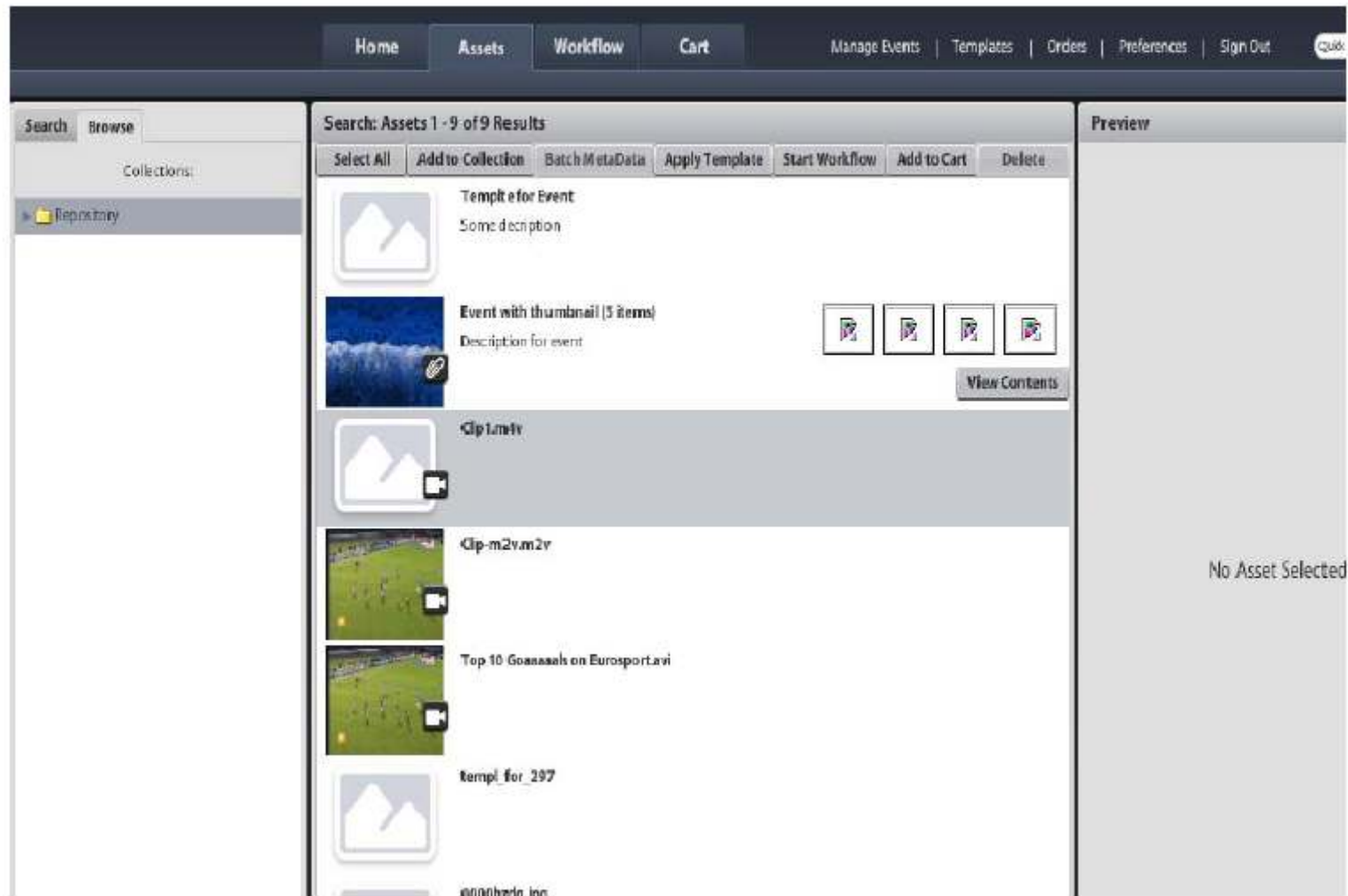




# TEAM INTERNATIONAL

IT Solutions: On Time, On Target... Your TEAM

**Offshore Development Center Helps Sports  
Technology Company Better Manage Its Digital  
Content**

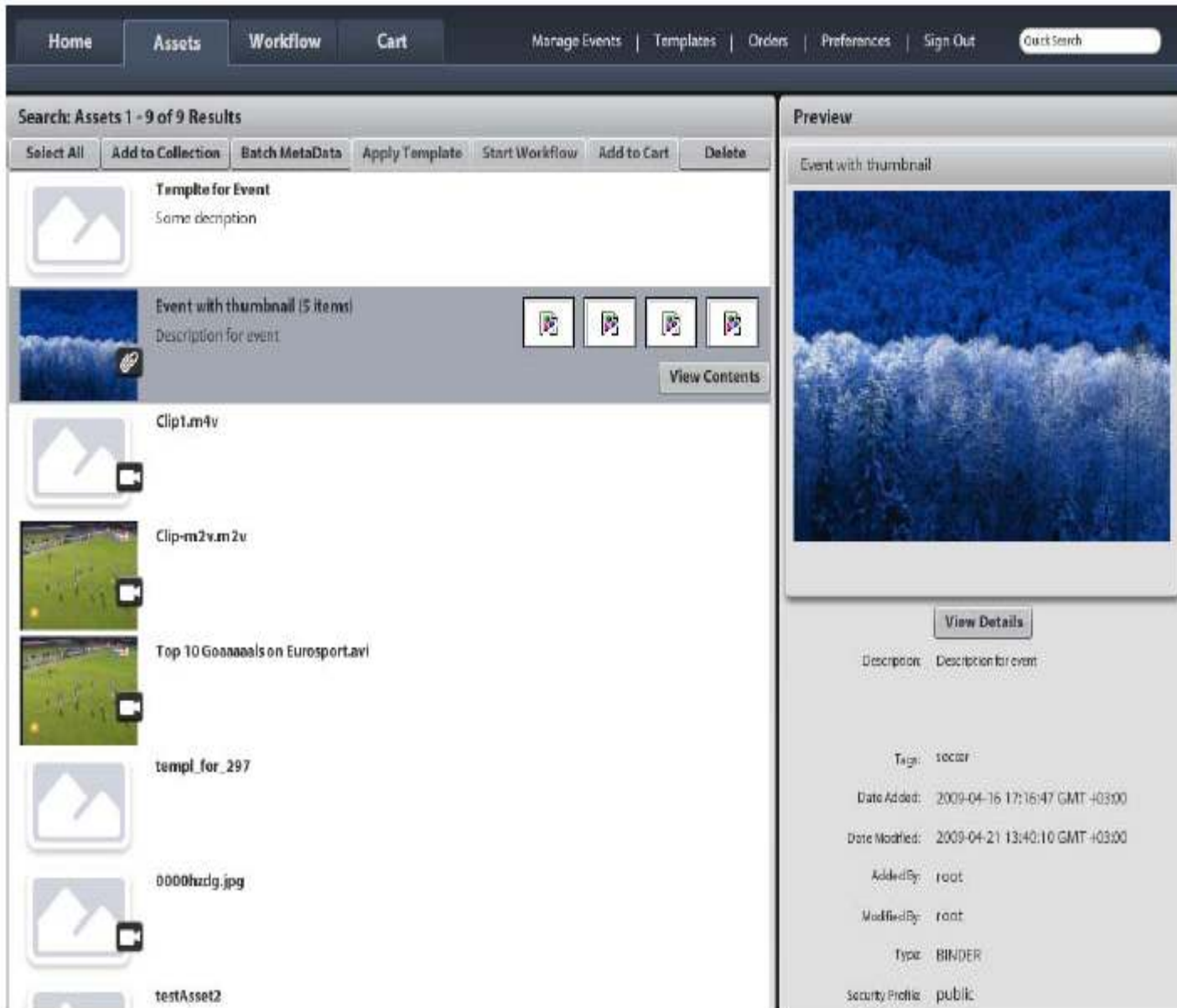


## The Client

XOS Technologies is the leading technology partner that helps sports organizations better interact with the sports fans through maximized value of digital content and e-commerce services. Besides fan interaction, the company specializes in Facilities Design & Integration as well as Coaching Software Solutions. Through these areas of expertise, XOS helps teams and leagues integrate video, images, data, and interactive technologies via its unique Network and Total Ticketing.

## The Industry

Digital Sports Media & Technology



## The Challenge

XOS Technologies had to meet its business objectives of managing sports events' digital content (video, images, audio) and collecting profit from selling legal licenses for potential distributors. The company operated a third-party application for storing its digital content; however, the storage (Vault 1.0) had limited functionality that did not allow XOS to reach all of its complex business goals.

## The Solution

XOS partnered with TEAM International to have its existing content management system (CMS) upgraded, improved and integrated with its e-commerce solutions.

## Scope of the Project

XOS Vault is a customizable content management system that allows to:

- upload video, images, audio and other types of digital content;
- Automatically assign predefined meta data for content that is being upload;
- encode video, images, audio content to predefined format;
- manually check quality of uploaded content and approve for further usage;
- manage user defined collections of content;
- make purchase orders for approved content.

## The Engagement Model

Dedicated Development Center (DDC)

## The Approach

TEAM proposed and XOS confirmed the use of Agile/iterative methodology for project execution.

## Number of Resources

Project manager	1
Business analyst	1
QA	1
Java developer	3
Flex developer	2
<i>Total</i>	<i>8</i>

## Length of Project

*December 2008* – Vault 2.0 project initiation and planning

- Preliminary gathering and analysis of software and interface requirements
- Preparation of Project Management Plan and documentation
- Discussion of QA and testing methodologies

*January 2009* – project execution and release of Vault 2.0

*February-March 2009* – technical support and requirements gathering for developing Vault 2.2

*March 2009 - present* – Vault 2.2 design, implementation and testing

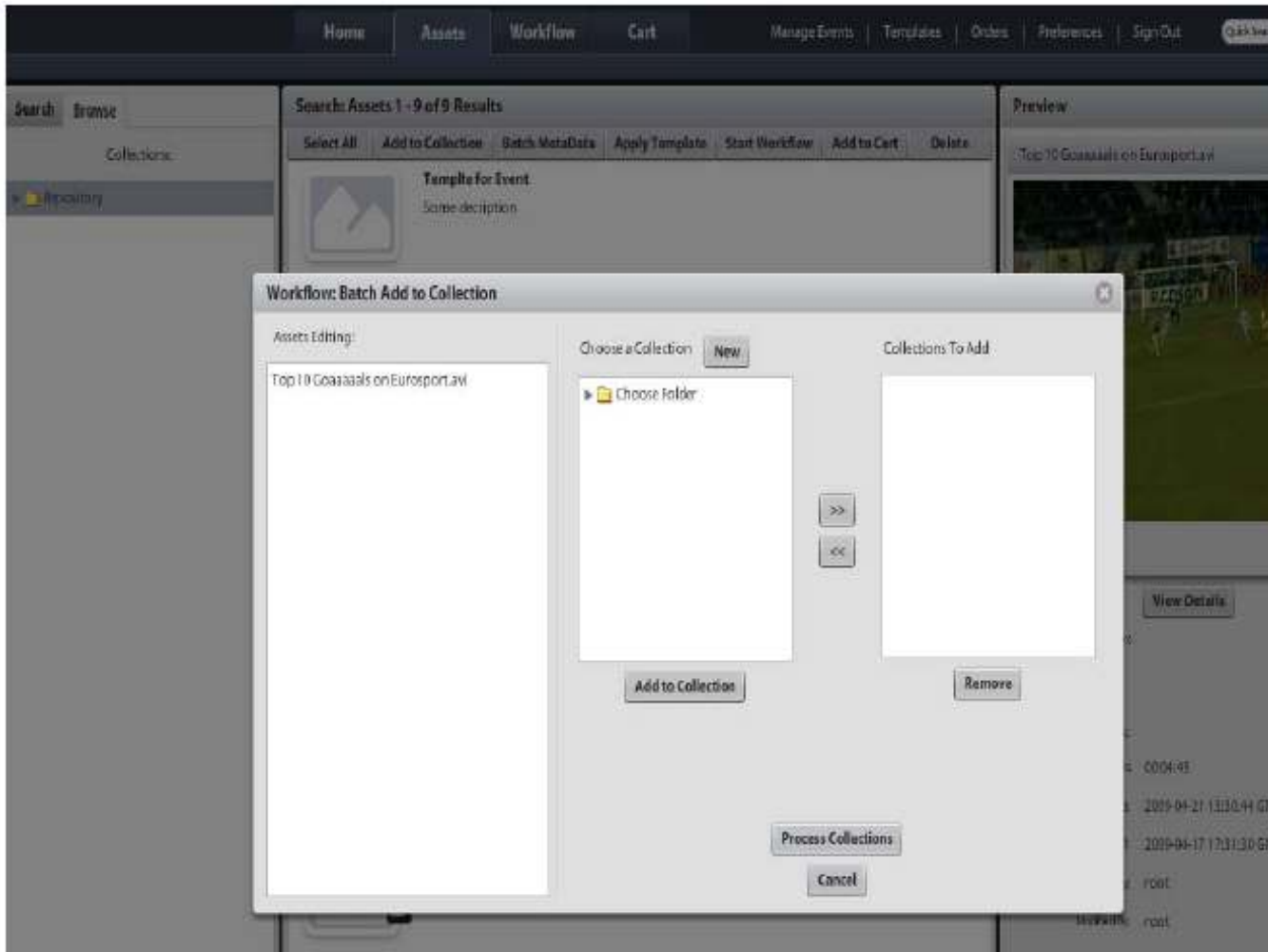
## Technology Used

Platform – JDK 1.4, Flex 3

Language – Java 1.4, Action Script

Browser should have installed Flash Player version 9 or later





## Dilemmas and Creative Solutions

When TEAM began to collaborate with XOS Technologies on this project, it was soon discovered that the product concept, while rich with vision, lacked upfront requirements definition. Regular conference calls and Webex sessions were not sufficient to gather all of the requirements. To resolve the issue, TEAM initiated regular knowledge/skill exchange trips to XOS headquarters, during which time TEAM's project management had an opportunity to get more in-depth understanding of the customer's needs.

With regard to technical approach, TEAM had to find solutions on how to create a robust application that attractively visualized complex data sets, and how to allow effective real-time data push from the back-end to XOS Vault. The major step towards solving these issues consisted in using innovative and cutting-edge Flex technology.

## The Results

All of the project timeframes were met successfully. In January 2009 TEAM delivered a ready-to-use Content Management System allowing XOS Technologies to ramp up sales of digital content and help sports organizations better manage their sports activities' content.

XOS Technologies continues its collaborative cooperation with TEAM International, whose offshore resources coupled with the best-in-class IT talent will assist in raising the Vault CMS application to a new stage of excellence.

