



DITA Exchange™  
by Content Technologies

# DITA Exchange WhitePaper

## Deploying files to Documentum

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## TABLE OF CONTENTS

DISCLAIMER & CORPORATE INFORMATION.....	2
TABLE OF CONTENTS .....	3
DEPLOYING TOPICS FROM DITA EXCHANGE TO DOCUMENTUM .....	4
1.1 INTRODUCTION .....	4
1.2 OVERVIEW OF THE SOLUTION .....	4
1.3 DEPLOYMENT PROCESS .....	5
1.4 BACKGROUND INFORMATION .....	5
1.5 OPTION 2... .....	6

# DEPLOYING TOPICS FROM DITA EXCHANGE TO DOCUMENTUM

## 1.1 INTRODUCTION

This paper describes how DITA topics can be deployed from DITA Exchange to a Documentum repository, often in HTML format.

Two options are available:

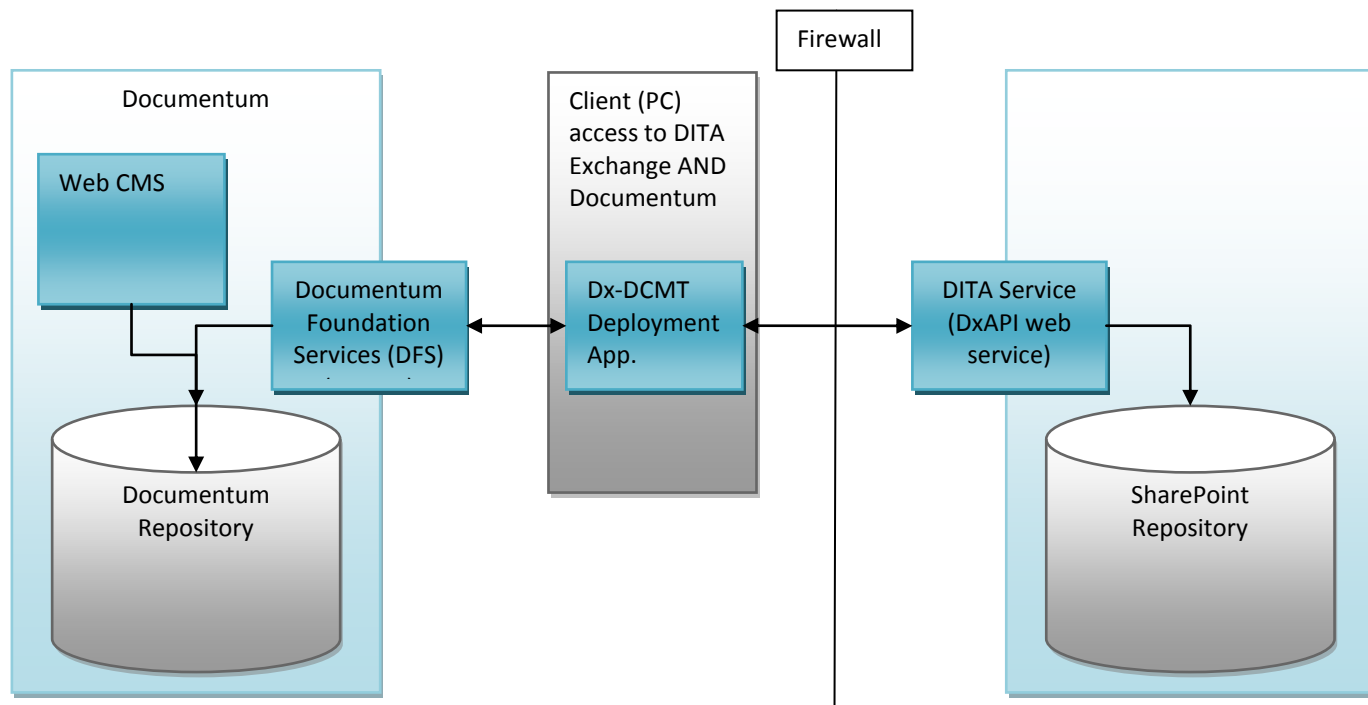
1. DITA Exchange is placed *outside* the corporate firewall, but selected client PC has access to DITA Exchange
2. DITA Exchange is placed *inside* the corporate firewall

Option 2 is actually quite straight forward, so the focus is on the first option.

*The description is based on a previous implementation for a DITA Exchange customer.*

## 1.2 OVERVIEW OF THE SOLUTION

The diagram below provides an overview of the solution (option 1):



## 1.3 DEPLOYMENT PROCESS

The deployment process works as follows:

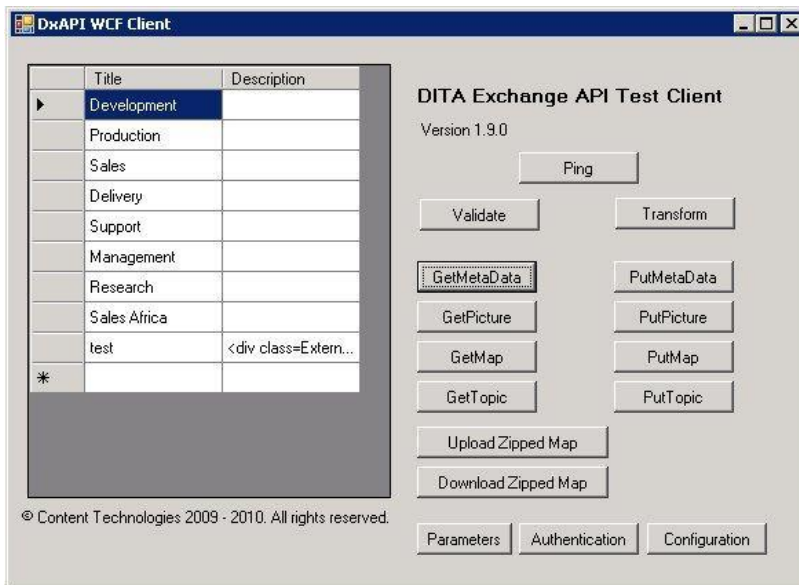
1. On the client PC, the deployment application is started
2. Topics for deployment are selected (based on metadata and approval status)
3. The list of topics are extracted (through calls to the DxAPI) and presented on the client for approval
4. The deployment button is pressed
5. The topics are deployed (in HTML format, including all referenced pictures) to the Documentum repository via calls to DFS, including:
  - a. Full set of (Documentum) metadata
  - b. Correct/required workflow/approval status info
  - c. Correct placement of both HTML topics and pictures in the Documentum repository

The actual process is very fast, simple, and fully manageable and ***the end result is that the HTML topics are ready to show in any Web CMS working on top of Documentum.***

## 1.4 BACKGROUND INFORMATION

DITA Exchange has a full set of features and functions for rendering any DITA topic in HTML – and for extracting this rendition.

These features and functions are exposed through the DxAPI (DITA Exchange web services API):



The client application is a standard Windows application running on the client PC, typically used by a DITA Exchange solution owner or DITA content approver. It is *inside* the corporate firewall, but has access (HTTP/HTTPS) to the DITA Exchange/SharePoint Farm.

Furthermore, the client pc has access to the Documentum repository, through Documentum Foundation Services.



## 1.5 OPTION 2...

In our specific customer implementation, once the DITA Exchange server was moved inhouse, inside the corporate firewall, the entire process was automated – with direct communication from DITA Exchange to the DFS services.