Transact Advanced Training is for customers and partners seeking a deeper understanding of system administration and customization. The Transact Advanced Training course covers topics such as installing Transact in both single and multi-server environments, user connectivity, customizing the Transact workflow, and customizing Transact with XML and JavaScript.

Training Prerequisites	● Completion of Transact Basic Training ● Access to a Transact test environment ● Advanced understanding of JavaScript and XML programming ● Advanced experience with Server or Application administration including user management ● Intermediate understanding of Regex

Course Agenda

The instructor-led version of Transact Advanced Training is divided over two days.

Day 01 Topics	Day 02 Topics
Installing & Upgrading Transact	Application Configuration & Application Configuration Lab
User Connectivity & User Connectivity Lab	
Transact XML & Reverse Engineering Lab	Transact Web Services API & Web Services API Lab
Transact Logs	
Transact Scripts & Transact Scripting Labs	Final Exam

Course Descriptions

Title	Description
Transact Advanced Module 01: Installing and Upgrading Transact	In this section of the course, you'll visit the Ephesoft Documentation site, which provides extensive information about the Transact installation and upgrade process. In addition, this section of the course will briefly review the process for installing and upgrading Transact on Windows single and multi-server configurations. We will also review the process for installing and upgrading Transact on Linux single servers.
Transact Advanced Module 02: User Connectivity	In this module, you will learn about the steps for creating Transact roles and providing users with access to the system. **Labs & Demonstration Videos** ● Tomcat Authentication Demonstration Video ● Active Directory user-connectivity.properties Configuration Demonstration Video ● Access Manager Demonstration Video ● User Connectivity Lab
Transact Advanced Module 03: Transact XML	This section of the training will provide you with a better understanding of the various Transact XML files and general customization use cases. **Labs & Demonstration Videos** ● Batch XML Customization Demonstration Video ● Reverse Engineering Lab
Transact Advanced Module 04: Transact Logs	This section of the training will provide you with a better understanding of the various Transact XML files and general customization use cases. **Labs & Demonstration Videos** ● Dynamic Logging Demonstration Video

Course Descriptions

Title	Description
Transact Advanced Module 05: Transact Scripts	In this module, we will review the three main Transact scripts - Application Level Script, Batch Class Scripts and User Controlled Scripts. We will also examine use cases for modifying these files. In addition, we will take a look at Hot Compile Logic and testing scripts. Finally, we will introduce scripting labs for Eclipse IDE Installation, Document Assembler, Function Keys, and Automated Validation. **Labs & Demonstration Videos** ● Application Level Script Demonstration Video ● Eclipse IDE Configuration Lab Video ● Document Assembler Lab ● Function Key Lab ● Automated Validation Lab
Transact Advanced Module 06: Application Configuration	In this module, you will learn about the Transact application-level properties files. You will also complete the Application Configuration Lab, which will help you understand how to configure batch instance logging. **Labs & Demonstration Videos** ● dcma-batch.properties Demonstration Video ● dcma-workflow.properties ● mail-import.properties Demonstration Video ● dcma-scripting-plugin.properties Demonstration Video ● Application Configuration Lab
Transact Advanced Module 07: Transact Web Services API	The Transact web services API provides a simple method for real-time integration and exposure of Transact processes to external applications. This allows developers to embed and employ advanced capture capabilities and technologies in content management systems and other workflows. Transact web services support the OpenAPI standard and are a licensed option. **Labs & Demonstration Videos** ● Simple Test Demonstration Video ● Postman Demonstration Video ● Swagger Demonstration Video ● Web Services API Lab