

## **Fi** Training

### **FD045 Fidessa OpenAccess API (1 Day)**

#### **About the Course**

This training package consists of a one-day classroom session and post-course study exercises.

The Fidessa suite of trading room products is based on a common software infrastructure. It is delivered with a comprehensive, powerful and efficient Application Program Interface (API) called OpenAccess by which communications are established between the components of Fidessa and third-party applications.

This course describes the OpenAccess API from the point of view of creating an OpenAccess client to use such services.

It focuses on the OpenAccess structure and message specification; it is relevant whatever programming language is used to create the OpenAccess application.

In many cases, customer programmers who build interfaces between systems do not work for the same department as the people who support Fidessa. Therefore, this course assumes the delegates may only have a limited knowledge of the Fidessa server and takes that into account by covering some Fidessa basics.

For practical projects, the delegate can choose between exercises based on C, C# or Java.

At the end of the classroom session, the instructor will supply the post-course work, a suite of both C, C# and Java examples and an instructional document for the delegates to load into their own environments for further practice.

#### **Course objectives**

On completing the course, the delegate will be able to:

- Describe the connectivity between an OpenAccess client and server, stating the purpose of links and sessions
- Construct a Request Reply using the Fidessa Documentation, enter it into a diagnostic and identify the protocol in a log file.
- Construct a Transaction using the Fidessa Documentation enter it into a diagnostic and identify the protocol in a log file.
- Construct a log on sequence into an RDS service using the Fidessa Documentation, test it using a diagnostic and identify the protocol in a log file.
- Construct a Query using the Fidessa Documentation, enter it into a diagnostic and identify the protocol in a log file.
- Subscribe to a publisher and enter it into a diagnostic and identify the protocol in a log file.
- Select the appropriate protocol to use in a given business situation
- Write programs in C, C# or Java, that will send OpenAccess transactions to Fidessa servers.

#### **Who should attend**

- C or C++ programmers who design Fidessa OpenAccess clients
- Java programmers who design Fidessa OpenAccess clients
- Support personnel who cover the API.

#### **Course pre-requisites**

- C and/or Java programming skills.



<b>F Training</b>		<b>FD045 Fidessa OpenAccess API</b>										
		<b>MORNING</b>					<b>LUNCH</b>	<b>AFTERNOON</b>				
<b>Day 1</b>	Course Start Up	Open Access Structure & Use	Request Reply Protocol	TXN Protocol	RDS Protocol		Query Protocol	Publisher Protocols	Language Libraries	Programming Workshop	Course Wrap Up & Close	
<b>Post-Course Work</b>	Self Study Post Course Work with Program Examples Provided											

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