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Ver.: 1.0

#### Traceability Matrix

ID	Requirement	Architecture
1	unsecure leased fiber line	Offloading security using Firewall
2	The Bank would like to use an existing interface, CRM interface 1, to feed our platform the information about their clients. CRM interface 1 is expected to call webservices in our platform	API Management Gateway to expose Core Banking APIs
3	Each such event has to be communicated back to Ocean Bank via CRM interface 2, which is simply an IBM WebSphere MQ.	1- API Management Gateway to Consume CRM APIs 2- ESB for Scheduling ETLs to update the CRM
4	The client is willing to accept information that is not updated in real-time, but no older than 15 minutes. From experience, you know you cannot "subscribe" to any events of the our platform core banking systems	1- API Management Gateway to Consume Core Banking APIs and CRM 2- ESB for Scheduling ETLs to update the CRM
3	This operation is done in back-office. Because the Bank wants to stay in charge of authentication, all new users need to be reported back to the CAM interface. The interface is a simple web service.	1- API Management Gateway to Consume Core Banking APIs and CRM 2- ESB for Scheduling ETLs to update the CRM
4	The Bank wants to remain the provider of a secure connection for mobile applications. They have built their infrastructure on a powerful solution. That system handles device registration and customer authentication for the app. You will need to identify the ideal point on the our platform side that they can forward all requests to.	1- KeyCloak & JWT
5	The client does not want our platform to connect to the Swift server directly, but is asking for an interface to exchange files. The client does not want to host the file exchange, but does not mind developing a file handler that	ESB for Store

	would download files from our platform and upload them to the Swift server, and vice versa.	
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#### Recommended Middleware

- 1- ESB: Apache Camel
- 2- API Management Gateway: gravitee
- 3- Identity and Access Management Solution: Keycloak

