Single Sign On Technical Frequently Asked Questions

Does BankMobile's Single Sign On (SSO) work with my Student ERP System?

We have built this SSO product to be "ERP Agnostic" which means our approach of using standard HTTP links with specific parameters will allow us to deploy SSO in all student ERP environments.

I use a 3rd party for payment services, can we put it on their portal?

We work with 3rd parties to include our SSO link in their environment. However, they will need to be involved in the development, testing and deployment in their environment which may incur costs for the school.

Is this SSO authentication using integration middleware (Shibboleth/ADFS) or is it a custom authentication?

Our SSO product does not use any standard middleware. Schools will use our file specifications to create and implement code to generate the SSO token and link to the BankMobile Landing page. This is why we require schools who are interested in deploying SSO to have access to a dedicated IT resource (In house or 3rd party) with development experience who can devote 12-15 hours to this project.

Does BankMobile provide a development package?

For SSO setup, we supply the FS-06 File Specifications containing a code example in Java for the part that needs to be implemented on the school's side. We do not provide a Java package or any other prepared code; schools will use the example in the guide to code their portion.

Does the solution need to be coded in Java?

No; schools are free to implement it in whatever language they prefer, as supported by their platform.

a. The sample code provided in Java should allow for an engineer to use as a guide for development in their preferred language. As long as it produces valid SSO link as described in the provided file specifications they can develop it as they see fit.

Is the sample in the FS-06 File Specifications document an actual result?

Yes, the documentation is a real example token. The asBinary() method converts the hex string to a byte array, and then relies on Java's String constructor to convert the byte array to an actual string representation.

How is the SSO link tested?

Yes, the documentation is a real example token. The asBinary() method converts the hex string to a byte array, and then relies on Java's String constructor to convert the byte array to an actual string representation.

a. We will generate a hexadecimal key and host it on our servers for schools to retrieve and begin the development efforts.

b. Once the school has constructed a test token the school will place the test token on our servers for retrieval and testing.

   i. Token Works - No more development work required

   ii. Token Fails - We will inspect where the failure happened and provide any feedback we can gather and the school will have to try again

BankMobile Disbursements