



# Banner Apps Dashboard Discovery Documentation



Questions?

Contact us at [engage@unified.com](mailto:engage@unified.com)

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## Introduction

This document captures all the details of the client's project team and key applications in the client's environment. This information will be used for better planning and scoping of the Kryptos Mobile App implementation.

## Client Information

<b>Name</b>	
<b>Email Address</b>	
<b>Phone #</b>	
<b>Role</b>	

## Cut-Over Date

<b>Date</b>	
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## Banner Mobile Apps

### Mobile Middleware Server and Deployment

Middleware Server is the machine where mobile middleware is deployed. It will be deployed onto the Tomcat Server provided along with the Kryptos Mobile App.

Functioning/Dataflow of the Banner Mobile Middleware can be classified into 2 steps

- Authentication & User Mapping
- Data Retrieval

To configure the Mobile middleware the below mentioned details has to be provided by the school/institution.

### AUTHENTICATION and USER MAPPING

Mobile middleware supports the following authentication modes:

- CAS Based
- LDAP/AD Based
- SSB Credentials Based.

Please choose one mode from the above list and fill in the relevant details in the following sections.

CAS BASED	
Is the CAS server REST Enabled	Yes/No
Does the CAS Server have a valid certificate installed ( <b>Https: Security certification</b> )	Yes/No
CAS Server Login URL	
CAS user name corresponds to - (Select One Option from below)	

<ul style="list-style-type: none"> <li>➤ GOBPAC_EXTERNAL_USER</li> <li>➤ GOBPAC_LDAP_USER</li> </ul> <p>Others (Specify Table, CAS UserName Column, PIDM column)</p>	
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LDAP Based	
LDAP URL	
Admin User DN - User who can connect to ldap at a top level and search for users	E.g. cn=Manager,dc=myorg,dc=mycom
Admin User Password	e.g.: root
Admin user base (Root directory, under which all users exist, may not be top level directory)	e.g. dc=myorg,dc=mycom (atleast one dc required, naming convention)
User attribute which can bind to ldap. cn or uid or sAMAccountName which can be used to bind. For example, uid=Praba,ou=People,dc=myorg,dc=mycom, then this value will be uid	e.g. cn
LDAP base (The base, relative to the adminuser.base, where the user entries are in. If the user's DN is uid=Praba, ou=People, dc=myorg, dc=mycom, this value is ou=People.)	e.g. ou=People.
Mapping Attribute Name (This is the user's attribute from LDAP which can be used as the Banner PIDM or as a mapping attribute for getting banner PIDM)	e.g. mySchoolBannerID
Mapping attribute corresponds to - (Select One Option from below. Also, please mention if username is case sensitive):	Optional
<ul style="list-style-type: none"> <li>➤ Banner PIDM</li> </ul>	

<ul style="list-style-type: none"> <li>➤ GOBPAC_EXTERNAL_USE R</li> <li>➤ GOBPAC_LDAP_USER</li> </ul> <p>Others (Specify Table, LDAP Mapping Attribute Column, PIDM column)</p>	
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### SSB credentials Based

Mobile middleware can be configured to use the same credentials that users use to login to their Banner Self Service (SSB) page. In this mode, no additional configuration details are needed.

Mobile middleware would need a direct connection to the Banner Database using JDBC / SQLNet connection. A new user "kryptos" account needs to be created on the Banner database using which the mobile middleware would be retrieving / updating data to the database. This "kryptos" user would also need permission to access the database object which are required for retrieving / updating data. The SQL script for granting permission would be shared during the implementation.

Data Retrieval	
Hostname and IP Address of the Banner Database (both Test and Prod)	
Port Number of the Banner DB (both Test and Prod)	
SID of banner DB (both Test and Prod)	
password for the 'kryptos' user (Default mobile middleware db user)	
Sample username(s)/password(s) for Login into the LDAP or CAS (depending on what the school has chosen as the AUTHENTICATION mechanism) and sample data for the user for all the services (Weekly Schedule, Class Schedule, Holds, Grades, Transcripts, Account Summary, Registration, Class Search etc)	

SSB URL so we can compare it with the test build for our internal unit testing. This will ensure that the final beta release is in sync with the SSB.	
SSB Sample User Credentials	
Hostname and IP Address of the Banner Database (both Test and Prod)	

#### Disclaimer

**Any changes made in the information provided in this document by the member school post the sign-off (during the project implementation) needs to be approved by Campus Consortium as it may have impact on the scope, timeline and cost of this project.**

#### Client Project Lead

Authorized Name	Date
Authorized Name	Date

#### Unifyed Identity Delivery Lead

Authorized Name	Date
Authorized Name	Date