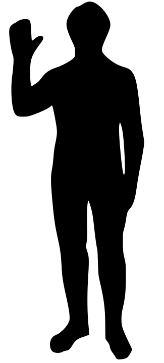
Sequence Diagram

User

HMS Gateway



BeXchange

Predefined App User  
For BeXChange  
In HMSGW\_App\_DB

Verify Authentication in HMSGW\_App\_DB

[Return] Token (if success)

[POST] Authentication Using Predefined Data

User / Password / Client ID / Client Secret

Verify Token

Login to BeXchange

[Return] Login Result

[Return] User Info (if success)

[GET] Authentication Using

User / Password / BU / Token

Query from HMSGW\_dataprovider\_ssuser  
HMSGW\_dataprovider\_ctloc

ACK

Keep Token for use

Call BeXchange

ER Diagram

1

**SSUSR\_ROWID (PK)**

SSUSR\_INITIALS

SSUSR\_NAME

SSUSR\_PASSWORD

SSUSR\_DEFAULTDEPT\_DR (FK)

SSUSR\_DATETO

SSUSR\_Group

DATAPROVIDER\_SSUSER

**CTLOC\_ROWID (PK)**

CTLOC\_CODE

CTLOC\_Desc

CTLOC\_Type

DATAPROVIDER\_CTLOC

1..∞

Component Diagram

Get Data

Keep / Get Token

User Info

User Password /Token

User Authentication

User Authentication Module  
(With Encryption)

Verify Token

Get Data

APP Authentication  
And Token management

Get Token

Authentication

APP DATA

APP Authentication

BeXchange

Keep Data

Token DATA

DATAPROVIDER\_CTLOC

DATAPROVIDER\_SSUSER

SS\_USER

CT\_LOC

TrakCare (Cache’)

HMS DB (PostgreSQL 9.3)

HMS Gateway