

## **BCS\_Bridge – Bridge access to Server Services**

Robin Lamacraft 2017-03-22

### **SCOPE**

In the HRE Integrated-Server configuration where the Server is within the same computer, this module must be used to access and receive replies to requests associated with the Server Modules, especially the database. NOTE: When the HRE-Separated Server configuration is used, and the server is another computer, the Server Connection module may be used (see CC\_ServerConnection.docx). This module replaces the head of the Server module with an in-line permanent link between the Client and the HRE database. This can only access the HRE database via the API of the Direct Request Module.

### **ACTIONS** (a subset of Server Connection module):

It uses the Direct Request module APIs to:

1. Make requests to update the database
2. Make requests to retrieve data from the database.

NOTE: This bridge has a single request queue manager and is strictly first-in first out.

### **USED BY**

Any module that interacts with the Server in the HRE Integrated Server configuration.

### **AUXILIARY DATA USED**

Unknown.

### **REQUIRED SERVICES**

1. SS\_DirectRequest.

### **APPLICATION PROGRAMMING INTERFACE (API)**

1. **Need Details.**

### **WARNING CONDITIONS**

1. **Need details of the condition that raised the warning, example message and possible next steps.**

### **ERROR CONDITIONS**

1. **Need to record the condition that raised the error, example message and possible next steps.**