

A large, dark purple circle is centered on the page. Inside the circle is a faint, intricate network pattern of thin lines and small dots, resembling a data or communication network. The text is centered within this circle.

MP268

Full End to End costs (inc regression testing)

Version: 1.2
Date: 20/12/2024
Author: Robbie McMillan

SECMP0268 Supporting Test Costs Overview

The table below details the estimate of testing costs that might be incurred if this SEC Modification was to be deployed via a SEC Release but in isolation. Other Modifications or Change Requests in a SEC Release might well split the costs across multiple changes, possibly with minimal increases to overall testing costs.

The functional testing is described, and costs broken out, in the Full Impact Assessment (FIA). The FIA description includes the number of test sets, and anticipated number of tests required to fully test the functional change introduced by the Modification.

Regression testing covers additional testing and administrative overhead to ensure that the DCC Total System is fully functioning. System Integration Testing (SIT) costs are initially established by the Service Providers for the DCC Total System, but are refined as part of the Release Change Request and Implementation phase, for which the former is also referred to as the post-PIT Change Request.

User Integration Testing (UIT) as part of the Regression testing refers to the testing period which is made available for SEC parties to test their systems against the future state of the DCC Total System.

There is no perceived need to test this separately in the UIT environment. However, as part of the SEC Release, it may be decided that Users will be allowed to carry out a set amount of UIT. No costs for this are included in the costs for this Modification, and those costs will be calculated as part of the post-PIT CR.

The figures have been estimated based on previous SEC Releases, where a diverse environment supporting multiple GBCS versions and has been open for up to six weeks previously which must be supported by Service Providers.

All the testing activities and estimates will be reviewed as part of post approval implementation activities, which as suggested above, will be impacted by additional Modifications or Change Requests in that SEC Release.

The table also presents two options that shows value for money choice, based on scope and risk appetite.

Description	Cost
FUNCTIONAL	
Design, Build, PIT, functional testing in SIT, Path to Live	£289,000
REGRESSION	
Option 1 and 2: 6 weeks SIT regression testing including CSP support	£169,800
UIT Option 1: 6 weeks UIT Testing costs (as per policy document)	£480,000
UIT Option 2: 0 weeks UIT Testing costs (as per FIA statement)	£0
Total (Option 1)	£ 938,800
Total (Option 2)	£ 458,800

Costs are estimated ONLY and will likely change if scope within a target SEC System Release window, changes.