

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 overlaid on this circle.

SECMP0252
Estimate of Full End to End Costs
(inc SEC Release regression testing)

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SECMP0252 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.

Given the changes in this Modification, there is a limited amount of functional testing that should be carried out. In addition, the limited changes to DUIS means there is a requirement for Users to test this separately in the UIT environment, and Users wishing to use the functionality must upgrade to this version of DUIS. DCC have included six weeks of user-based UIT testing, although could be reduced. 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 was open for up to six weeks which must be supported by Service Providers. Part of those costs are for setup and teardown activities, as well as being available for support during this time.

if there is more than one release candidate change including DUIS charges, only one set of charges will be payable, since the DUIS changes required for the individual change will be carried out once only for the release. Such a sharing of costs will result in a reduction of charges for the DUIS components of this Modification in a SEC Release.

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 and UIT, Path to Live	£329,626
REGRESSION	
Option 1 and 2: 6 weeks SIT regression testing including CSP support	£169,800
UIT Option: 6 weeks UIT Testing costs (as per policy document)	£480,000
Total (Option 1)	£ 979,426

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