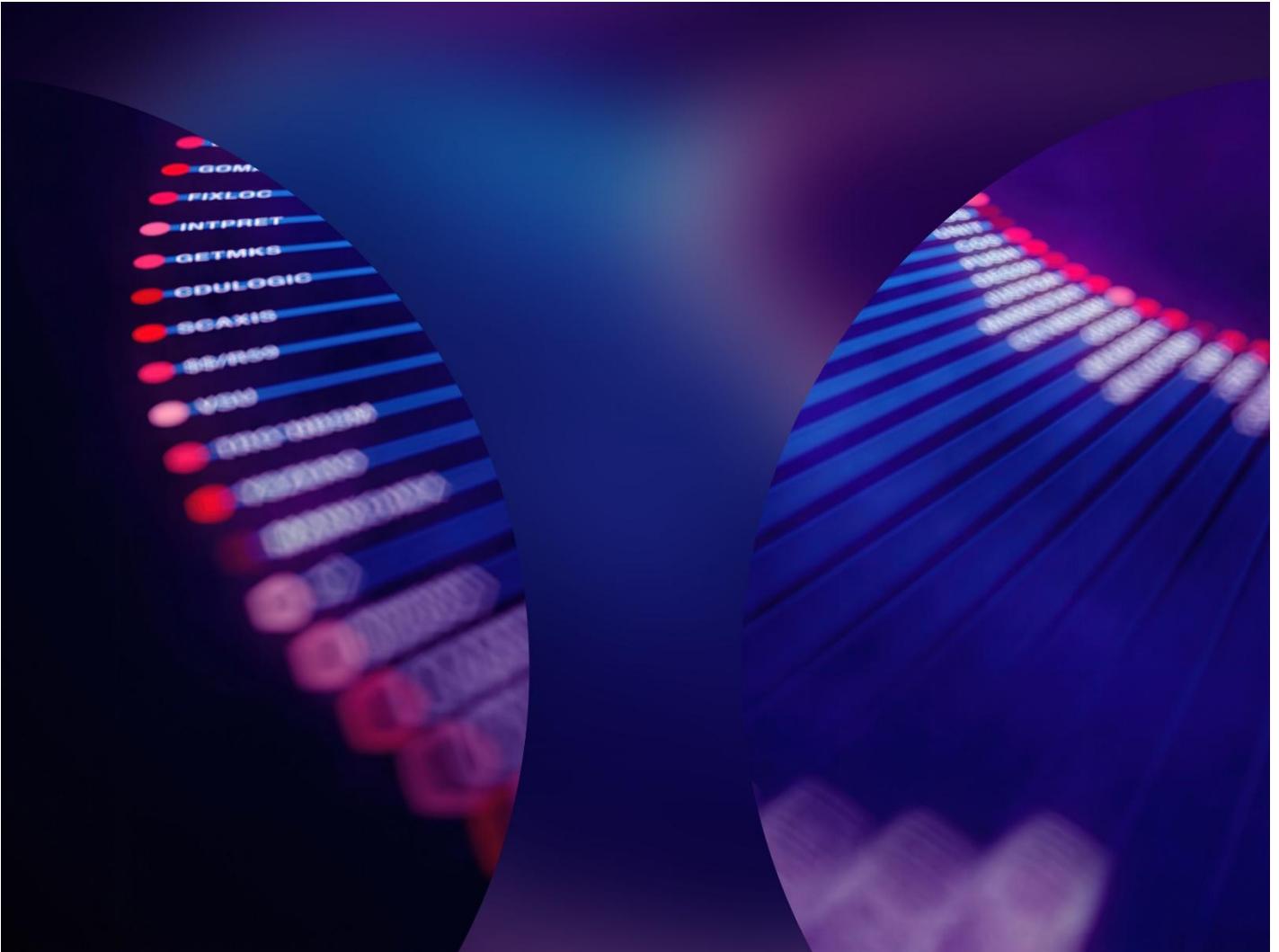


# DIP Change Request Proposal Form

**Public**

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ELEXON | DIP

## About this document

This document details a DIP Change Request (CR) that the DIP Manager has received, either digitally or provided in any other appropriate means. The CR details the background, issue, solution, and impacts. In addition, it also provides details on the progression routes of the CR as well as any other supporting information (if provided).

## Information on the DIP Change Process

The DIP Change Process is detailed on the DIP Manager's website [here](#). Moreover, the process is outlined in [DIP Subsidiary Document \(DSD\) 004, DIP Change and Document Management](#).

## Personal Details

**Anyone** can raise a DIP CR<sup>1</sup>. This includes (but is not limited to) individuals, companies, or organisations. The information provided **will be made public** when the CR is raised and published to the [DIP Manager's website](#).

Details	Answer
Name	Jess Davis
Organization (if applicable)	DIP Manager
Company (delete as required/if applicable)	Other
Email	Jess.Davis@Elexon.co.uk

## Change Request

To enable a CR to progress, the DIP Manager needs information that it can assess. This enables the DIP Manager to determine whether a request is valid; where further information is needed, the DIP Manager will request it<sup>2</sup> Please answer the information below.

If you need support with your CR, the DIP Manager can act as a 'critical friend' to support the development of a CR<sup>3</sup>.

Information	Answer
Title (mandatory)	Decreasing the Retention Period for the DIP Archive

<sup>1</sup> DSD004, 2.3.1 Any person may submit a DIP CR (regardless of whether they are a [DIP User](#)). For the avoidance of doubt, this includes the [DIP Manager](#), DCAB and the Authority. DIP CRs shall be submitted electronically via the [DIP Portal](#) but may be submitted by other means as agreed with the [DIP Manager](#).

<sup>2</sup> DSD004, 2.4

<sup>3</sup> DSD003, 2.4.1.

<p style="text-align: center;">Background (mandatory)</p>	<p>The DIP Rules set out the core services of the DIP<sup>4</sup>, which includes Message<sup>5</sup> archiving, replay<sup>6</sup>, and/or re-queue<sup>7</sup>. This functionality supports DIP Users<sup>8</sup> when a Message is lost or when there has been a system failure (alongside other scenarios). To enable this functionality, DIP Users must, during their DIP On-Boarding<sup>9</sup> checks (functional and non-functional) provide evidence that their systems can store data received via the DIP for at least two years<sup>10</sup>, which aligns with the DIP archive's default retention period<sup>11</sup>.</p> <p>To provide the DIP archive and message replay and re-queue functionality, the DIP Manager<sup>12</sup> has been working with the DIP Service Provider<sup>13</sup>, Avanade, to understand the costs associated with retaining data. This exercise has been undertaken because, as more and more DIP Applicants<sup>14</sup> are turning into DIP Users as part of Market-wide Half-Hourly Settlement (MHHS) Qualification<sup>15</sup>.</p> <p>The exercise revealed that data storage costs were increasing due to Message tagging<sup>16</sup>. This method is used to categorize data from Message channels. The DIP Service Provider employs blob index tags<sup>17</sup>, which are a product of Microsoft Azure.</p> <p>Currently, the costs are estimated to be significant per month for index tagging. These costs would be funded by DIP Payees<sup>18</sup> (after Milestone 16 (2 July 2027)).</p>
<p style="text-align: center;">Issue (mandatory)</p>	<p>The cost of index tagging for messages is set to increase. This poses a challenge because the DIP Manager is responsible for providing DIP Users—and, by extension, DIP Payees—with an efficient and cost-effective service<sup>19</sup>. Additionally, the Manager must ensure that the established rules are fit for purpose<sup>20</sup>.</p>

<sup>4</sup> DSD002, Annex 2, 2.2

<sup>5</sup> A flow containing an event or a message sent using the DIP

<sup>6</sup> The replay API will return the messages directly from the API call.

<sup>7</sup> The re-queue API will place the messages on the queue to be pulled by the corresponding [Webhook](#)

<sup>8</sup> An organisation that has completed DIP On-boarding and fulfils one of the DIP Roles listed in DSD002 'DIP Connection and Operation.'

<sup>9</sup> The process set out in DSD002 'DIP Connection and Operation.'

<sup>10</sup> DSD002, Annex 1, 1.1.1, (h)

<sup>11</sup> DSD002, Annex 2, 9.6.4 "The furthest a query can retrieve data is dependent upon the retention time set with each message channel (the default retention is 2 years)."

<sup>12</sup> The company or organisation appointed by the Authority responsible for the operation of the DIP, including recovery of costs, changes to the DIP and its governance processes, and any other duty as laid out in the DIP Rules

<sup>13</sup> The company appointed to manage and maintain the middleware that is the DIP

<sup>14</sup> An organisation applying to be a DIP User

<sup>15</sup> Shall have the same meaning as in the BSC Section C 12.2 and, for the purpose of the DIP Rules, shall apply mutatis mutandis to all potential DIP Users that are not BSC Parties but are required to be DIP Users by another Industry Code.

<sup>16</sup> DSD003, 3.1.3 [DIP Manager Data](#) includes a number of key [Message](#) attributes (tags), which can be commonly linked across related message channels, such as a correlation ID, transaction ID and MPAN. These can be used to create reports that link business processes across the various channels and can provide an audit trail in close to real-time (50% of reports will be returned within 5 seconds, and 100% within 30 seconds).

<sup>17</sup> <https://learn.microsoft.com/en-us/azure/storage/blobs/storage-blob-index-how-to?tabs=azure-portal>

<sup>18</sup> Shall have the meaning in DSD005 'Funding and Budget', i.e., DIP Costs shall be payable by DIP Payees. A DIP Payee is a DIP User that is required to pay a share of DIP Costs. DIP Payees are: Suppliers that have at least one Metering Point Administration Number (MPAN) registered in DIP MPAN Address Maintenance Service (DIP MAMS) and have completed DIP On-Boarding in accordance with DSD002 'DIP Connection and Operation'.

<sup>19</sup> DSD001, 3.1.2.

<sup>20</sup> DSD001, 3.1.3.

Solution (mandatory)	To support a more cost-effective service, it is proposed to reduce the DIP archive retention period from two years to 90 days
Rationale	Reducing the retention period would significantly lower data storage and indexing costs. This change enables the DIP Manager to fulfil its responsibility to operate an efficient and cost-effective service for DIP Users, while maintaining the core functionality required for message recovery scenarios.
Impacts(s) (if known)	<p>The most significant impact is on DIP Users' data recovery capabilities. With only 90 days of archived data available, users will no longer be able to rely on the DIP for replay or re-queue of older messages. This places greater responsibility on users to maintain their own long-term storage solutions if they require data beyond this window.</p> <p>There may also be onboarding and compliance implications. Current DIP Rules require users to evidence two-year data retention capability; these requirements would need to be reviewed and potentially updated to align with the new retention policy.</p> <p>Operational processes and expectations will need to adjust. Users, service desks, and support teams must be aware of the shorter recovery window, which could affect incident management, audit requests, and dispute resolution timelines.</p>
Benefits (if known)	<p>Microsoft Azure—scales with both data volume and retention duration, so shortening the storage window significantly lowers ongoing operational costs. This directly benefits DIP Payees, who would otherwise absorb these increasing costs from July 2027.</p> <p>It also improves overall service efficiency. Managing a smaller data set reduces storage overhead, simplifies archive management, and may improve system performance for retrieval operations such as replay and re-queue within the retained window.</p> <p>Finally, the change promotes proportionality. A 90-day retention period may better reflect actual operational needs if most recovery scenarios occur within a shorter timeframe, avoiding over-engineering the service.</p>
Risks (if known)	A key risk is reduced resilience in long-tail failure scenarios. Issues that are identified late—beyond the 90-day window—may no longer be recoverable via the DIP,

	potentially leading to data gaps, reconciliation challenges, or increased manual intervention.
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## DIP Rules, DIP, and DIP Portal

When submitting a CR, the DIP Manager must evaluate it according to the DIP Rules. This helps the DIP Manager understand how to move forward with the CR and identify any necessary changes not only to the DIP Rules but also to the DIP itself, or the DIP Portal, or any other change area, as detailed on the [DIP Website](#).

### DIP CR Objectives

Please determine one or all of the objectives the DIP CR will fulfil.

Objectives	Answer
(a) Provide accurate and timely support for the sharing of applicable market data.	
(b) Further consumer interests through the appropriately governed sharing of data.	
(c) Facilitate competitive change and innovation through the efficient and economic delivery of reliable and adaptable services.	This change will reduce the costs for the DIP and will support an efficient and economic delivery of reliable and adaptable services

### [DIP Rules](#) (link to all DIP Rules)

Please determine the document that the DIP CR will impact. Provide amended text (if available).

Document	Answer
DSD001 – Governance	
DSD001, Annex 1	
DSD002 – Operation and Connection	
DSD002, Annex 1	
DSD002, Annex 2	<p>Wording has changed from ‘default 2 years’ to ‘default 90 calendar days.’</p> <p><b>Change:</b></p> <p>9.6.4 The furthest a query can retrieve data is dependent upon the retention time set with each message channel (the default retention is <del>2-years</del> 90 days).</p>
DSD002, Annex 3	
DSD002, Annex 4	
DSD003 – Assurance and Reporting	
DSD004 – DIP Change and Document Management	
DSD005 – Funding and Budgeting	
DSD006 – DIP Data Management	

DD007 – Glossary

**DIP and/or DIP Portal**

Please determine that there will need to be system changes due to your CR.

Impacted area	Answer
DIP System	This will ensure the DIP System is efficient when replaying and requeuing messages.
DIP Portal	N/A
DIP Message Interface	N/A

**DIP Users**

To enable the DIP Manager to impact assess whether there will be impacts to DIP Users, please identify how the change could affect them (if at all).

Impacted area	Answer
Funding	This will reduce costs for DIP Payees
DIP Change and Advisory Board (DCAB membership)	N/A
DIP Assurance Strategy	N/A
Other (please specify)	N/A

**Industry Codes**

To support the development of your CR, please answer whether there are any impacts on Industry Codes (if any).

Code	Answer
Balancing and Settlement Code (BSC)	N/A
Retail Energy Code (REC)	
Smart Energy Code (SEC)	
Distribution Connection Use and Connection Agreement	
Other (if applicable)	

## Tier

The DIP Rules set out who will decide for DIP CRs. This is determined by the ‘tier’ of change to which they are classified. The table below details the different tiers of DIP Changes.

Please determine the tier of your change and whether there are timeliness considerations.

Tier	Description	Answer
One	<p><b>A material change.</b></p> <p>Criteria include, but are not limited to:</p> <ul style="list-style-type: none"> <li>• an implementation cost greater than <b>£500,000</b> for the DIP Manager and/or <b>£250,000</b> for DIP Users;</li> <li>• placing <b>new obligations</b> on DIP Users and/or the DIP Manager that will require a change to the DIP User’s business operating model;</li> <li>• an <b>Implementation Date</b> will be more than 24 months after the date on which the decision is made.</li> </ul>	<p>This change will affect the DIP Manager’s operating model and, thus, should be considered a tier one change.</p>
Two	<b>All other changes.</b>	