

## FedUni Digital Research Data Storage Options Chart

	FedUni OneDrive	FedUni SharePoint	FedUni.figshare	Customised solution	CloudStor (transmission only)
Are you working with large or very large datasets <sup>1</sup> ?				✓ <a href="#">ITS service portal</a>	
Is your dataset complete?			✓		
Are you working with active data <sup>2</sup> ?	✓	✓			
Are you using sensitive or private data <sup>3</sup> ?		✓			
Are you sharing your data with other FedUni researchers?	✓	✓			
Are you sharing your data with researchers external to FedUni?		✓			✓ Transmission only

1. Dataset size (guide only): 'small', up to 30GB; 'medium', between 30GB and 100GB; 'large', greater than 100GB up to 500GB; and, 'very large', greater than 500GB.
2. For the purposes of this document, active or working data are defined as data that require ongoing access for modification, analysis, compilation, etc. Archival storage solutions are more appropriate for 'end state' data.

3. The use of sensitive data includes any personal, licenced, proprietary and commercially-produced data. For "sensitive" data classifications, refer to the following legislative definitions: [Information Privacy Act 2000 \(Vic\)](#), [Privacy Act 1988](#).

Research Data Storage Options	Benefits	Limitations
<p><b>FedUni OneDrive</b></p> <ul style="list-style-type: none"> <li>For FedUni staff and students: requires password access</li> <li>Share files with small internal groups</li> </ul>	<ul style="list-style-type: none"> <li>Is appropriate for active research datasets</li> <li>Is suitable for 'sensitive' (critical) data<sup>3</sup> where the data are used within FedUni</li> <li>Suitable for small to large datasets<sup>1</sup></li> <li>Version history for backups of data files is available by default, ensure files are saved on a regular basis</li> <li>External access is available for sharing non-sensitive data</li> </ul>	<ul style="list-style-type: none"> <li>Default space is insufficient for very large datasets</li> </ul>
<p><b>FedUni SharePoint</b></p> <ul style="list-style-type: none"> <li>For FedUni staff and students: requires password access</li> <li>Recommended to have at least two owners per shared folder</li> <li>Share files with large internal groups, or with external collaborators</li> </ul>	<ul style="list-style-type: none"> <li>Windows 10 SOE: security is centrally managed</li> <li>Version history for backups of data files is available by default, ensure files are saved on a regular basis</li> <li>Is suitable for 'sensitive' (critical) data<sup>3</sup> where the data are used within FedUni</li> <li>Suitable for small to medium active datasets<sup>1</sup></li> <li>No limitation on the number of versions that can be kept except for an individual's storage limit (10TB)</li> </ul>	
<p><b>FedUni.figshare</b></p> <ul style="list-style-type: none"> <li>For FedUni staff and HDR students</li> <li>Share with external collaborators</li> <li>For completed datasets and non-traditional research outputs</li> <li>DOIs provided on file publication</li> </ul>	<ul style="list-style-type: none"> <li>Cloud-based: provides access to files locally and remotely for sharing and collaboration</li> <li>Backups: VicNode storage: offsite replication in two locations</li> <li>Version control</li> </ul>	<ul style="list-style-type: none"> <li>Not suitable for 'sensitive' (critical) data<sup>3</sup></li> <li>Not suitable for active data</li> <li>Suitable for small to medium datasets</li> </ul>
<p><b>Customised Solution</b></p> <p>For datasets that have complex information security requirements, particularly where data is shared outside FedUni, is a large or very large file, or has non-standard remote access requirements. Allocations are provided on a case-by-case basis.</p>	<ul style="list-style-type: none"> <li>Suitable for 'sensitive' (critical) data<sup>3</sup></li> <li>Suitable for large or very large datasets<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>Mediated storage solution for very specific data storage requirements. Service design (where applicable) is determined on a case-by-case basis; contact the <a href="#">ITS Service Portal</a></li> </ul>
<p><b>CloudStor (transmission only)</b></p> <p>CloudStor is provided by AARNet, the Australian national research and education network. FedUni password access</p>	<ul style="list-style-type: none"> <li>Up to 100 email recipients to share a file</li> <li>Suitable for small or medium size files</li> <li>Maximum file size is 100GB</li> </ul>	<ul style="list-style-type: none"> <li><b>Not a storage solution – transmission of data only</b></li> <li><b>Not suitable for 'sensitive' (critical) data<sup>3</sup> as encryption only occurs during transmission</b></li> <li>Maximum 1 file per upload</li> <li>Not suitable for master copies of data</li> </ul>
<p><b>Transportable devices</b></p> <p>CDs, DVDs, USBs, Ext HDs</p>	<ul style="list-style-type: none"> <li>Readily available and cheap to buy</li> </ul>	<ul style="list-style-type: none"> <li><b>FedUni does not recommend these and takes no responsibility for their use</b></li> <li>Longevity is questionable; devices are prone to failure, theft and obsolescence, therefore not suitable for long-term storage</li> <li>Not recommended for master copies of datasets</li> <li>Encryption is required for 'sensitive' data<sup>4</sup> - <a href="#">BitLocker to Go (Win7/8/10)</a> can be used on USBs and external hard drives. Mac users should consider an appropriate encryption system.</li> <li>Not suitable for large to very large datasets<sup>1</sup></li> </ul>