

# Ready to Go Data Transfers: supporting the long tail of science

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The “File Transfer Service” (FTS) has been proven capable of satisfying the requirements – in terms of functionality, reliability and volume – of three major LHC experiments: ATLAS, CMS and LHCb.

We believe small experiments, or individual scientists, can also benefit from FTS advantages, and integrate it into their frameworks, allowing to effectively outsource the complexities of data transfer.

For this, not only do we provide a running, stable and well monitored service, but also offer end to end, easy to run, software packages, reducing the entry barrier. These include from containerized, ready to use, GridFTP/FTP servers; a browser based solution to support file transfers from users’ PCs/laptops to remote Storage/Cloud endpoints (known as Last Mile Transfers); not forgetting user assistance and support.

Two successful examples of one of these use cases are the experiments NA62 and ArDM, both of which now base their data acquisition framework on FTS, moving their data from where it is generated to the CERN Data Center.

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