

Managing the increasingly large amounts of data generated by shared scientific instrument facilities can be complicated, time consuming, and require a level of IT support often not available. Instrument facilities need data management tools that can quickly move data off their machines and can scale delivery of the data to many users. Routine data management tasks, such data backups or data transfer to archival storage, should be reliable and easily automated. Data needs to be securely shared with internal researchers and external collaborators. Globus technologies meet these challenges by providing secure, robust, and scalable data software tools and services designed to serve the data management needs of the research community.