EUROLAS Data Center (EDC) – Recent Developments (Site Logs, Station History Logs, and Data Transfer)

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Since 1991, the EUROLAS Data Center (EDC) is one of two global data centers of the International Laser Ranging Service (ILRS) which has been archiving SLR data and related products for the ILRS community. In recent years, the optimization and automation of data transfer and information exchange has become increasingly important. Until now, Site Logs which provide detailed information of each ILRS station and Station History Logs which provide information of station upgrades were managed manually. Both, the new Site Log Manager and Station History Log have now been integrated into the EDC website which enables station easily to update relevant information. This information is very important for SLR data analysts. In this contribution, the procedure of the information flow and the Site Log Manager will be presented in detail.

The 24/7 data transfer between SLR stations and data centers is constantly increasing. For SLR stations a contemporary quality feedback of their submitted SLR data is important which helps stations to decrease the latency in case of resubmitting corrected erroneous SLR data. In this contribution, the work flow of the new feedback tool for SLR stations on the EDC website will be presented.