



Support for routine services of data and analysis centres

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The GPS/GLONASS continuous observations in various types of data flow (1994-); the EUREF analysis centre processing weekly the sub-network of European GPS data (1997-); the data centre operating in near real-time mode (2001-); hourly GPS data processing for the meteorological applications (2001-) and near real-time global GPS network analysis for precise ultra-rapid orbit determination (2002-) - all together could be summarized as the routine scientific services provided by Geodetic Observatory Pecny (GOP). Increasing number of such activities set up new demands for the establishment of general control and monitoring centre for all above processes. Without the support of such centre in GOP, further extension and developments in the services could be hardly possible.

Though the work for developing the centre has started at the end of 2003, the core of the system comprising monitoring the hardware, software and the network connection was developed during 2004. The implementation of some superior layer consisting of systems for the control of routine services by GOP has followed in 2004, but any additional monitoring could be easily incorporated in the future.

The background, logic, design and the use of freeware packages for the control and monitoring system will be described at the presentation.