

Current situation of GDNT's automation

In order to respond to the current economic conditions surrounding Mongolia (transition to a market economy), there is a need to enhance tax administrative capabilities and execution functions in the GDNT, and to increase the flow of fiscal revenues. Furthermore, in order to increase the tax administration effectiveness, the GDNT need to be equipped with information that would make it possible to monitor and control potential taxpayers. For this purpose, the GDNT need access to a stabile, flexible and complex “real-time” database of taxpayers. This database would also be integrated with information system of other government agencies in order to extend the use and functionality of tax data not only for the tax office itself but also for other government agencies. In addition, this new availability of tax data would enable new opportunities concerning good forecasting in area of state revenues.

- Decentralized data processing and the central database of taxpayer's

The current organization of information technology/data processing in Mongolian Tax Administration is decentralized of its nature. In practice this means that there are 31 regional tax offices that collect data offline (independently). The collected data are transmitted periodically to the central database server, located in the central tax office, GDNT.

- Unique system base

The present IT-architecture at Mongolian Tax Administration is Client/Server-based. Concerning software, Windows 2000 is being used as operating system, and Oracle 9i as database management system. Using Oracle developer developed application programs.

- The WAN based on wire telecommunication

The WAN works on dial-up mode using telecommunication wired line and is used for example when transferring files created at local offices, through e-mail to the GDNT. The modem installed at every tax office provides facilities for the WAN.

- The LAN based on HUB

Besides the WAN, there is also a LAN (Local Area Network) established at the central level (GDNT) as well as at each regional tax office. The LAN:s being used at the regional offices are based on HUB-equipment organizing client computers as workstations, while the GDNT-LAN, rather is structured as administrating client computers from the domain server.

- The data processing and management

Currently, all application programmes that are being used at GDNT have been developed in-house, by the IT-staff. These application programmes cover the processing of main taxes as well as the basic tasks for a typical regional tax administration. All regional tax offices throughout the country use the same application programmes, working towards a dedicated local database.

There are working the following systems:

- Tax compliance monitoring information system:
- Third party information's system:
 - Customs data
 - Spirit sales data
 - VAT invoice data
 - Withholding tax return TT 11-1, TT 11 – 2
 - Data collection paper
- Taxpayer service system
- Legal entity registration system

In the future we plan to enhance tax information system step by step. In particular we propose to change information transmission network technology into online one and introduce data ware house of information database. Likewise we aim to be connected to common information network of the State Customs Office and other government organizations and develop programmes/software for information exchange and sharing.