

## THE APPLICATION OF PASW STATISTICS IN STATISTICAL EDUCATION AND ITS USAGE FOR DISTANCE LEARNING IN UKRAINE

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According to the order of Ministry of Education and Science of Ukraine about the legalization of software with the purpose of applying the computer programs in educational establishments, the State Academy of Statistics, Accounting and Audit (SASAA) has got an academic license to install the English version of PASW Statistics (SPSS Statistics) 17.0 and Russian version SPSS 14.0 for Windows. Acquisition of academic license of SPSS allows to integrate the front-rank methods of information and communication technologies in an educational process. Distribution of SPSS among the professorial and teaching staff, candidates, postgraduate students and students allows to heave up on a high-quality new level the realization of scientific researches of statistical information (Tovmachenko, 2007), ([www.spss.com/spssdirections/emea/](http://www.spss.com/spssdirections/emea/), 2009).

The system of distance learning (SDL) “Prometheus” is used in many institutions of higher education both abroad (Moscow Economic-Statistics Institute, Federal State Statistics Service of Russia) and in Ukraine (National University of State Tax Service of Ukraine, Distance learning center of National Academy of Public Administration, the President of Ukraine) and so we use it in SASAA. SDL “Prometheus” allows to create multimedia distance courses, provides possibilities for distance learning and testing of listeners, and also guarantees the necessary facilities for managing virtual activity of educational establishment (Garkusha, Tovmachenko and Kurbatov, 2009). The Global Distance Learning Network brings to governmental institutions quality education of Ukrainian public servants, interactive sharing of reform experience of Eastern Europe and other countries, consulting and educating Ukrainian decision makers by world leading specialists in management. Educational institutions are able to participate in international knowledge flow (Zhuravlov, 2005).

International experience with distance education as applied to establishments of higher education in technology is analyzed in the environment of SDL “Prometheus”. The results are used for the educational process of the State Academy of Statistics, Accounting, Audit of the State Committee of Statistics of Ukraine. In particular, they are used in distance courses covering the following subjects: automatical workplace of statistician, information systems and technologies in statistics, social statistics, econometrics. All these subjects form part of the educational process for applied statisticians.

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