

# **An Assessment of MPC&A Training Program**

## **Administration Systems**

### *Abstract*

The assessments of the world's nuclear resource indicate that next to the United States, Russia has a significant source of nuclear material. In 1991, the breakup of the Soviet Union left nuclear material under inadequate guard. Preventing the spread of nuclear weapons is an important task for the United States. The US and Russia have collaborated for years to jointly decrease the danger of nuclear chaos, globally. Both Russia and the United States agree that to maintain health and life on earth it is necessary to secure all nuclear sites. The participation of the US and Russia lies in its people as well, and the sustainability of the Material Protection, Control, and Accounting (MPC&A) program. In order to ensure accurate protection regional training facilities are being built to provide advance training to MPC&A personnel from various existing MPC&A sites. To aid in this aspect, the US Department of Energy (DOE) has taken the task of implementing software that will improve the tracking and management of the training of personnel. In this research, the assessment of several software products was conducted to choose the software that satisfies the MPC&A training and management needs. Of all the software systems surveyed two (Gti3 and OnTrack) were chosen for more detailed evaluation. Finally, it was determined that OnTrack is best suited for the MPC&A training program.

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