There is still the unanswered question of the mixture of and interplay with the inspectors and the instrumented component of the monitoring system. This question involves not only the technical specifications of the information processing system but also the optimization of the combination of inspectors and instruments to maximize the effectiveness of the verification system.

At this time the information processing technology is at a high state of development. However, it is unclear how this technology can best be utilized in verifying a chemical weapons Convention. Since a component of the information processing system must have been designed and functioning when the Convention enters into force and since the specifications of the system depend on the verification procedures, there is a need for research and development programs to develop illustrative verification procedures applicable to different classes of facilities and activities and also to begin investigating the structure and operational characteristics of the information processing system as well as the size, content and structure of the date base associated with such a system.