

## **I.S. Grupe, Inc.**

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**Project Title:** Portable Patient Record

### **Technology Developed**

Under Phase I and Phase II SBIR contracts from the NCI, ISG developed a complete patient record in electronic form on a very compact medium that could be carried by a typical oncology patient and used at various health care provider organizations in the course of treatment for that patient. In conjunction with Sony North America, who had developed a suitable medium and inexpensive platform-independent player, ISG developed and demonstrated a RDBMS-based system for the exchange of medical record information among computerized patient record systems. Textual and image longitudinal patient data and patient specific information retrieved from knowledge bases such as PDQ and Cancerlit were stored on a Minidisk magneto-optical storage disk. Patient and provider authorization cards were used for security control. Standards from ACM, HL-7, ACR and others were used for representation of various types of medical information.

### **Commercialization:**

This program is currently in the Phase III commercialization stage awaiting the legislative impetus that will move health care facilities toward adoption of fully electronic patient information systems. When the infrastructure becomes available for widespread implementations of computerized patient record systems, the Portable Patient Record concept is in place for the exchange of data.

### **National Institutes of Health Awards**

N44-CO-33073