

## **REVIEW OF THE DISTRIBUTED COMPUTING AND EMR: CAN EDI SOLVE THE PROBLEM?**

**PRITI B. KALODE & SAJID KHAN**

PCD ICSR, VMV College Campus, Wardhaman Nagar, Nagpur, Maharashtra, India

### **ABSTRACT**

The impact of distributed computing in healthcare is just beginning to be realized. The goal of wide scale integration of electronic medical records while meeting stringent security, confidentiality and privacy requirements for the patient is a grand-challenge scale problem of global proportions with far-reaching social benefits. Healthcare organizations have to protect private information pertaining to the individuals they serve. As more and more healthcare organizations implement computer-based Enterprise Resource Planning (ERPs), telemedicine, EDI, data warehouses and other network-based information systems, information security in healthcare gains importance more than ever before.

In this paper we are proposing two clinical services based systems, the ontology based data gleaning system, the gleaned data is sent to which has an in-built generalization privacy technique and the agent-based intelligent decision support system.

**KEYWORDS:** Gleaning Systems, Distributed Computing, E-Medicine, E health, Ontological Approach, EMR