

Abstract of Invention

METHOD SYSTEM FOR DEPLOYING SMART CARD APPLICATIONS OVER DATA NETWORKS

The present invention permits ISO-7816 smart cards and their non-smart card supporting devices to be connected and to interact over networks, such as networks based on Internet Protocol (IP), broadband, and wide area networks (WAN) using the T=1 protocol, similarly to if these devices were connected locally. Broadly, the invention takes a node address in a small T=1 embedded terminal and maps each address into a network address or a Universal Resource Locator (URL), such that different components of the terminal that are T=1 addressable are able to exist throughout for example, an IP network. The advantages offered by the invention include security and speed, resulting in increased ease of use and application development and increased autonomy for the smart card itself.

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