Key Functions in the PSTN

- International Numbering Structure
- The North American Numbering Plan
- Equal Access
- Signaling System 7
- 800 Number Portability
- Local Number Portability

Equal Access

- Originating calls can be routed to the IXC of the subscriber's choice
  - Requires local database

800 (non-geographic) numbers

- Originating calls must be routed based on the dialed number
  - Requires global database
Local Number Portability

- Calls must be routed based on additional routing information found only in a number assignment database.

SS7 Components

What is AIN?

- AIN = Advanced Intelligent Network
- Standard methods for "service creation"

Service Creation