

ISDN

Integrated Services Digital Network

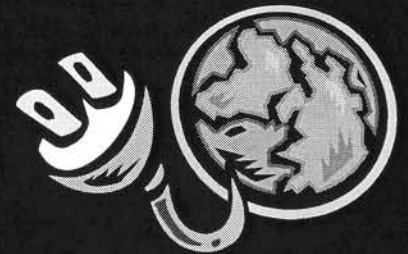
by

David E. Lawrence

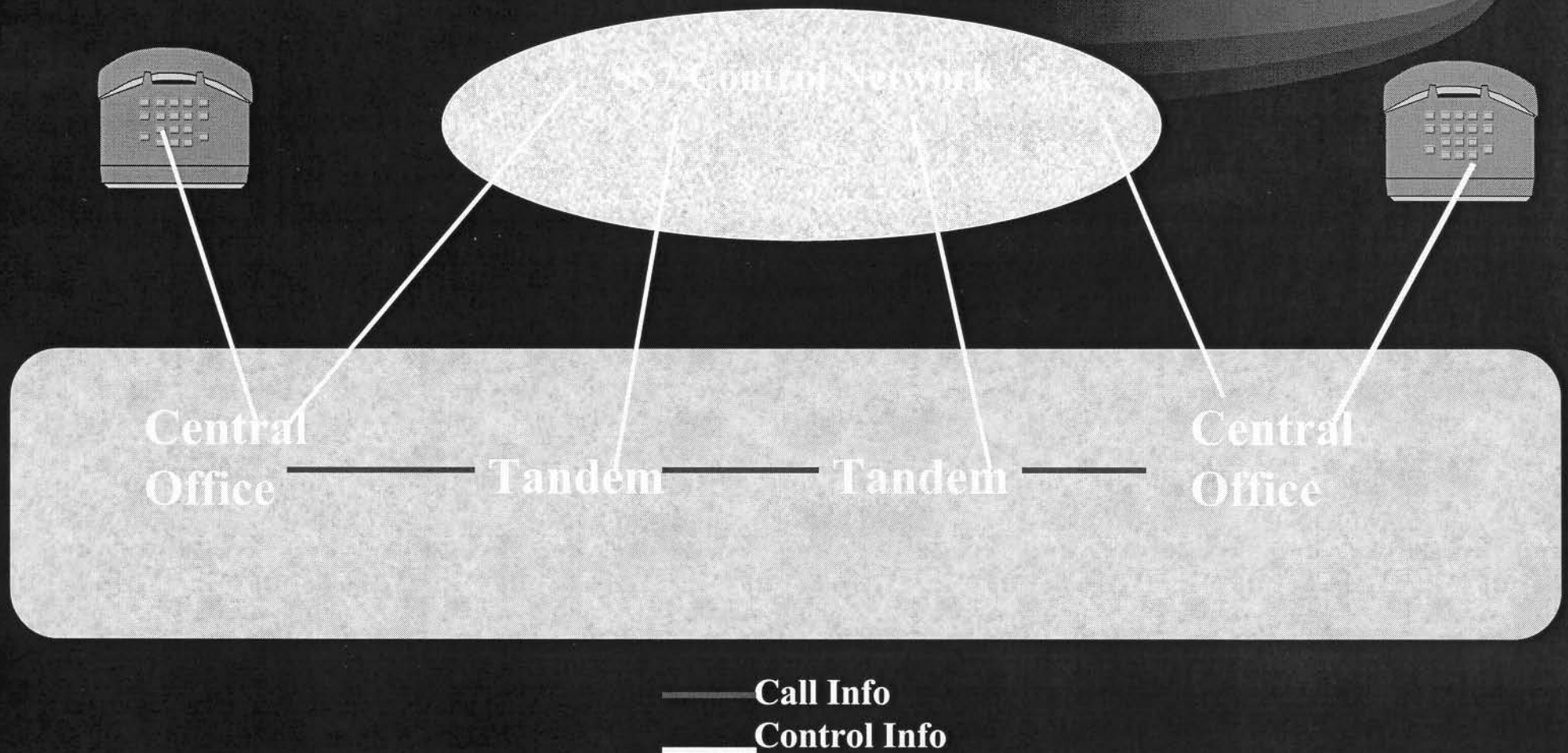
June 28, 2001

Introduction

- Need for Integrated Services over one Network
- Need for Low Noise, High Speed Network
- Need for Global Standard

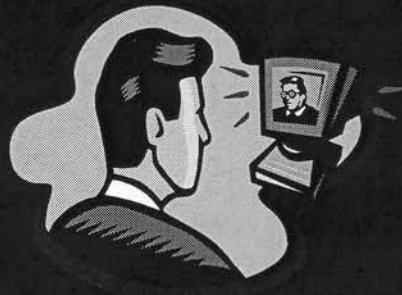


Traditional Telephone Network



ISDN Definition

- An international communications standard for sending voice, video, and data over digital telephone lines



History

Analog Network – POTS (Plain Old Telephone Service)

- Highly susceptible to noise
- Lower BW capability ...inefficient



Encoding of Analog

- Digital much easier to error check and regenerate
- Digital from central office to central office

