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<th>Trends in new communications technologies</th>
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<tr>
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<td>Boonklee Plangsiri</td>
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Rights
Trends In New Communications Technologies

By

Boonklee Plangsiri
Trends in New Communications Technologies
CURRENT TECHNOLOGIES

Can be divided into 3 major parts

Switching • Transmission • Terminal
Switching Technologies

- Electronics Switch
- Store Program Control
Transmission Technologies

- Microwave
- Fiber Optics
- Satellite
Development of Fiber Optics

- Fiber to-home
- Global loop
The ATM switching system supports multimedia communication. It makes possible communication by voice, data and full-motion video on a multimedia workstation.
Intergraph at the Smithsonian

A new exhibit at the Smithsonian Institute features ModelView's ability to interactively render spaces like the oval office.

Taking off with Intergraph

The Hong Kong Airport Authority will have the new airport and associated utilities projects designed with Intergraph software.

Filling a Hole with Golf Course Design

Intergraph brings powerful engineering tools to help golf course designers do and see more than they have before.

Cutting into New Territory with Surgical Software: SurgiCAD

Intergraph's advanced modeling software, combined with existing medical technology brings new possibilities to joint replacement surgery.
Technologies Pull

or

Market Push
An Exchange of Transmission Means

Cable or Wireless

1990  2010

Impact on Society

Telecommunication as a basic need

- Information
- Rich and poor information society
- Working at home
- Small world
- Multi-service industry
Future Trend in Technologies

Switching
B-ISDN / ATM