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JEFFREY H. OLSON
COMMUNICATIONS COUNSEL
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November 1, 1999

Via Hand Delivery

Magalie Roman Salas, Secretary
Federal Communications Commission
445 12th St., S.W., Room TW-B204
Washington, D.C. 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

CORRECTED NOTICE

Re: Ex Parte File Nos. 48-SAT-P/LA-97, 89-SAT-AMEND-97,
130-SAT-AMEND-98, Docket No. ET 98-206, RM No. 9147

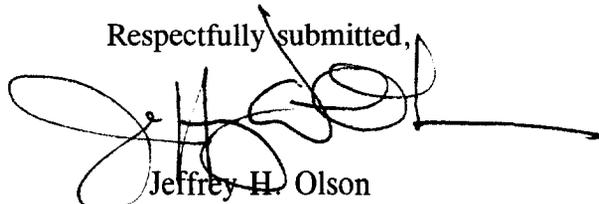
Dear Ms. Salas:

On October 27, 1999, Mark MacGann and Guy Christiansen of SkyBridge, L.P., Douglas Wily of Alcatel, and the undersigned met in person with Adam Krinsky, Legal Advisor to Commissioner Tristani, for the purpose of discussing issues relating to the above-referenced matters. The attached materials were reviewed at that meeting.

Previously, on October 28, 1999, a notice of the above-described meeting was filed with the Commission, which inadvertently omitted reference to the attached materials.

Please contact the undersigned if you have any questions.

Respectfully submitted,



Jeffrey H. Olson
Attorney for SkyBridge L.P.

Attachment

cc: Adam Krinsky, Esq.

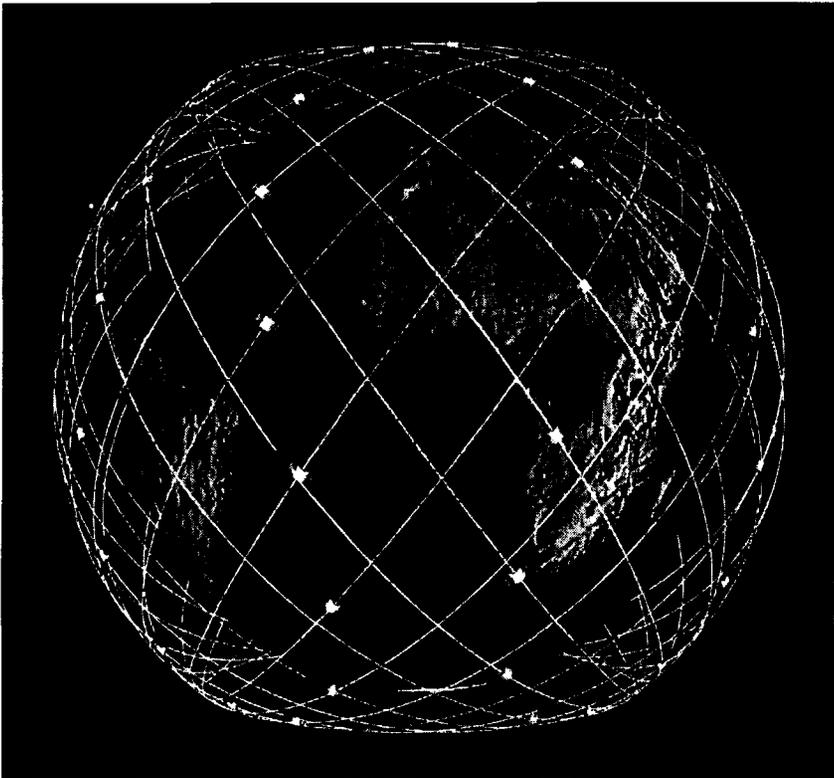
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SkyBridge: Helping to
Overcome the Digital Divide

Guy Christiansen
SkyBridge, LP
guy@skybridgeLP.com



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The Internet is Already Having a Profound Impact on the US Economy

- The Internet contributed \$300 billion and 1.2 million jobs to the US economy in 1998.
- Internet-related revenue has been doubling for last 3 years
- Total value of e-commerce revenues worldwide is expected to exceed \$1.4 trillion by 2003

Source: Interactive Week, June, 1999, PC Computing, July 1999



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The Internet is Evolving

As Internet Speeds Increase Rural Areas Risk Being Shut Out

Trend

- Internet sites are becoming increasingly bandwidth intensive
- Businesses are using the Internet to achieve efficiencies and reduce costs
- E-commerce is becoming more interactive

Example

- Pictures, videos, streaming multimedia
- Videoconferencing, VoIP, web-based inventory and customer monitoring
- Web-based customer support, multimedia sales

Risk

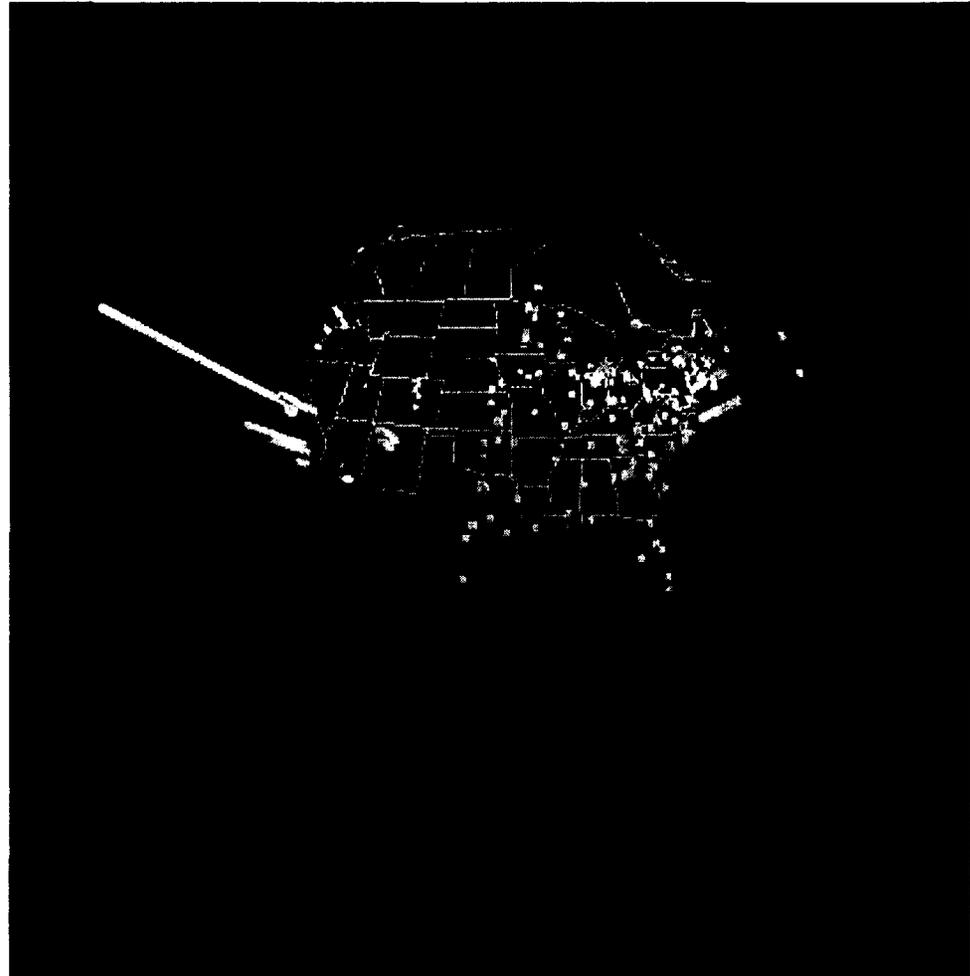
- High-bandwidth sites will be inaccessible by dial-up users
- Lack of broadband availability will become a competitive burden
- Rural consumers will not have access the variety and cost savings of e-commerce



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Is the Internet just an Urban Phenomena?

Although roughly a quarter of the US population resides in rural areas Internet use is concentrated in the cities.

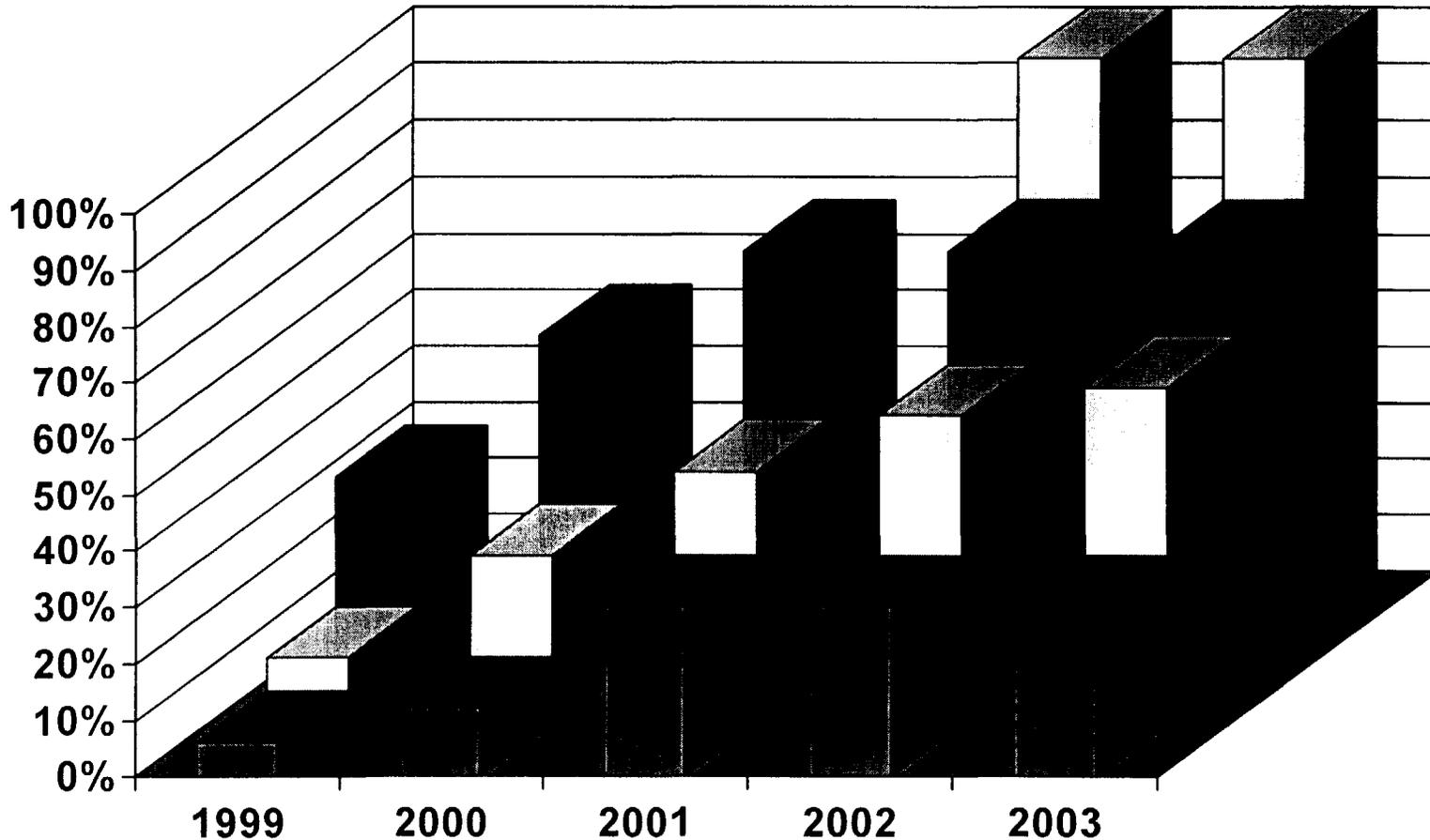


Source: University of Illinois, Dept. of Computer Science - http://www5conf.inria.fr/fich_html/papers/P49/Overview.html



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Competition and Choice Limited?



Estimated Penetration Rate of Various Broadband Technologies

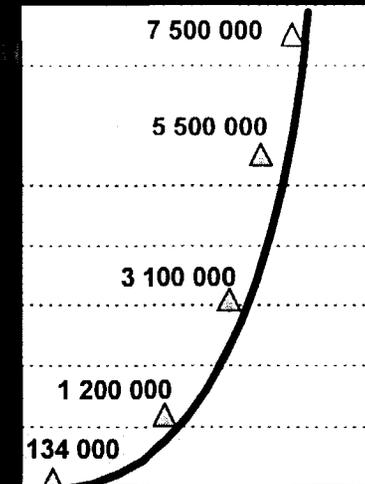
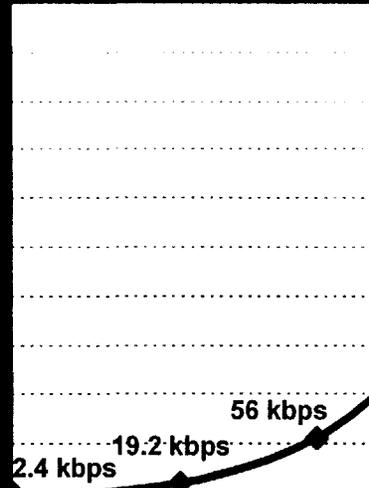
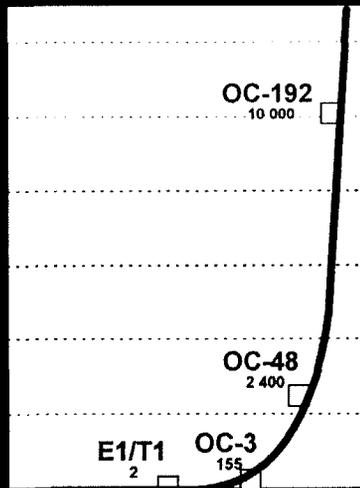
Source: Inter@ctive Week
July 19, 1999

■ MMDS □ DSL ■ Cable Modem □ Satellite



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The Result : "Local Access Crunch"



Tremendous rise
in data transmission
capabilities

The
"Last mile"
bottle-
neck

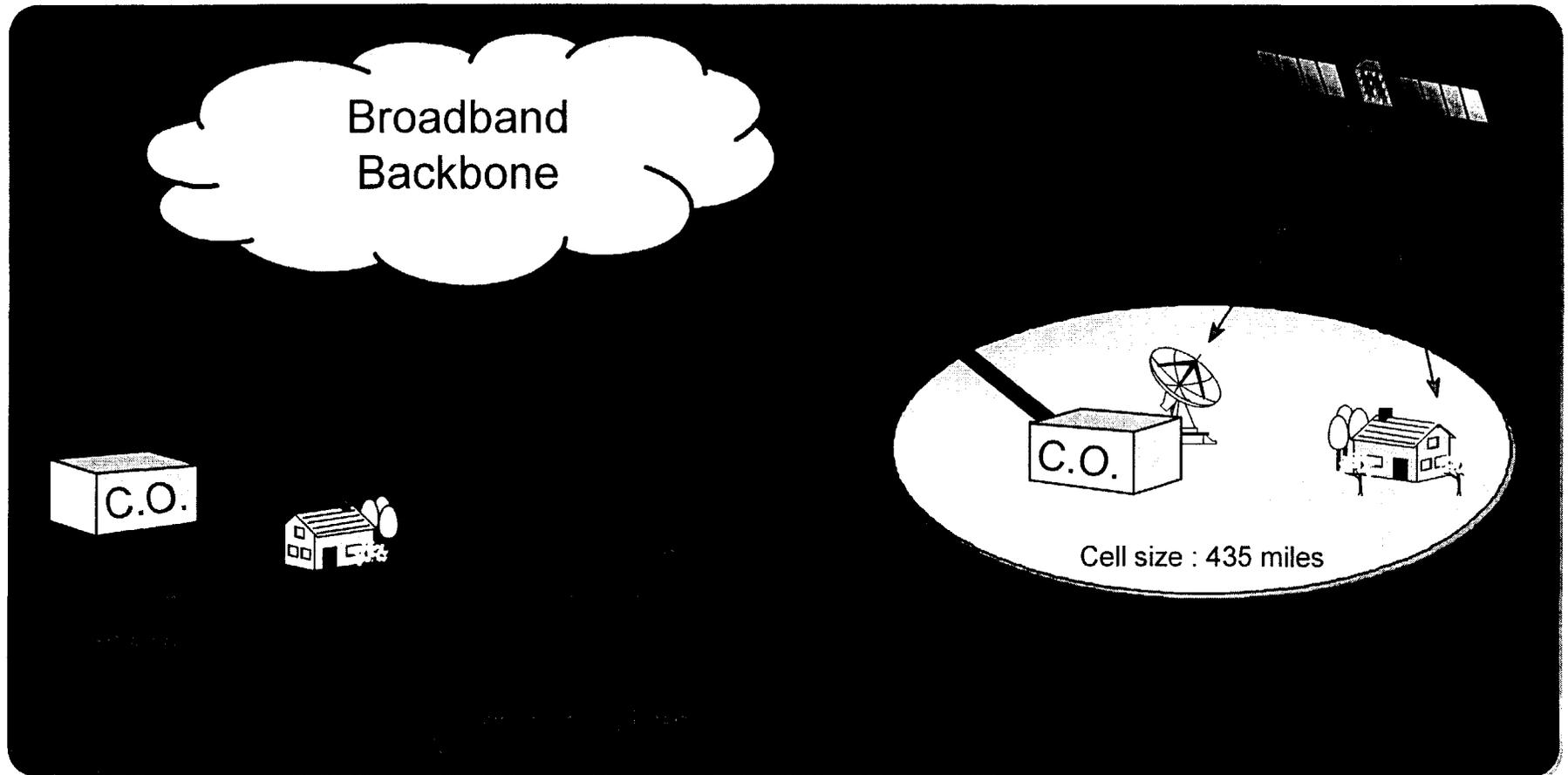
Enormous increase in
ability to generate and
process information



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Solving the Local Loop Bottleneck

Satellites offer an attractive solution to providing local access to broadband services





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SkyBridge Services

SkyBridge Provides . . .

- ▼ Local loop solution for delivery of
 - ◆ Two-way digital services
(Internet, Multi-media, Voice, . . .)
- ▼ Flexible and cost-effective :
 - ◆ 3 ¢ per MByte (or 4¢ for a 3-minute call at 64 kbps)
 - ◆ Monthly Service cost \$30 - \$35
 - ◆ Low investment cost per subscriber for operators
- ▼ Universal Service Capability
- ▼ Global Coverage :
 - ◆ More than 200 Gbps worldwide
 - ◆ More than 20 million users
- ▼ Service Start-up: 2002

Residential User

up to 20 Mbps
receive
2 Mbps send

Business User

3 to 5 times
faster than
residential

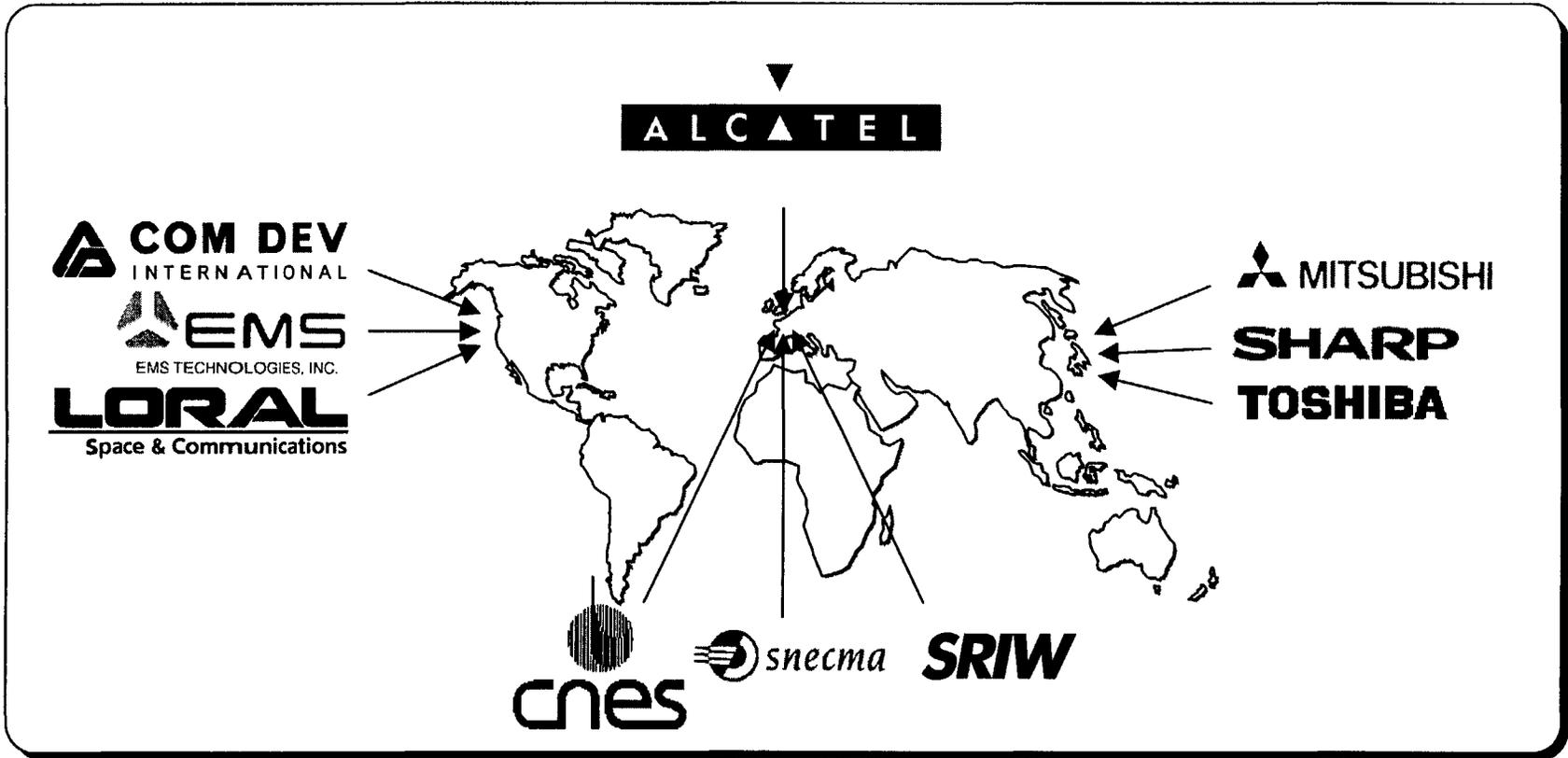




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The SkyBridge Team

The SkyBridge Partnership Today

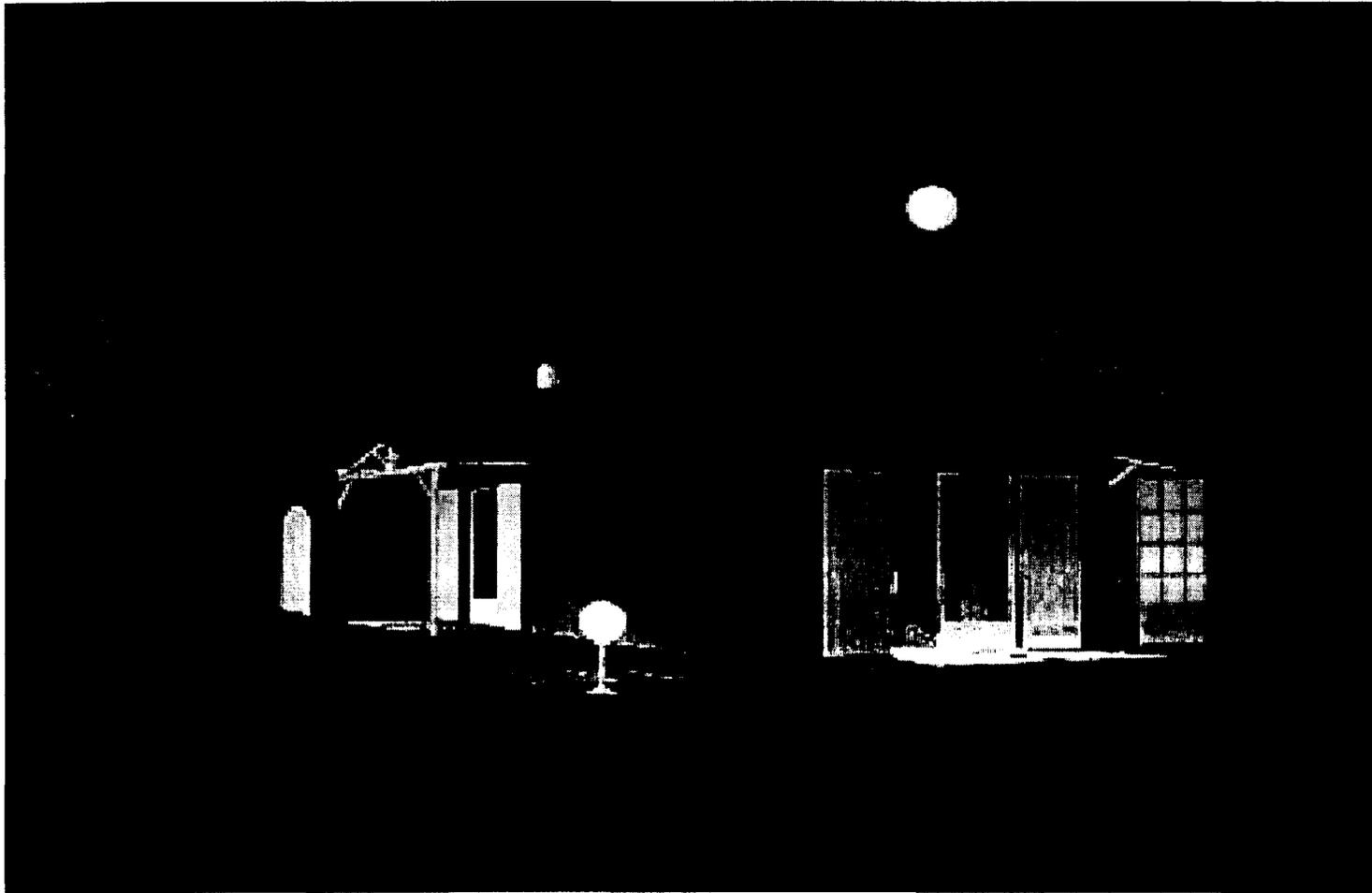


Phase I completed: ▼ Industrial Partnership in place
 ▼ System Design finalized



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Residential Terminal





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Speed and Pricing Comparison

Connection	Monthly Fee	150kb web page	2.5 minute movie (10Mb)	32 Mb file
56K modem	\$20	21 sec.	22 min.	1hr. 16 min.
ISDN (128 kbps)	\$50	10 sec.	9 min.	30 min.
T1/ADSL (1.54 Mbps)	\$50-\$200	0.6 sec.	47 sec.	5 min.
Cable (10 Mbps)	\$45	0.1 sec.	10 sec.	1 min 28 sec.
SkyBridge (20 Mbps)	\$50-\$60	.05 sec.	5 sec.	45 sec.

For Comparison: Digitized Picture – 1Mb
 This PowerPoint Presentation - 3.7 Mb
 X-Ray - 12 Mb
 Washington Post Sunday Edition – 16 Mb
 Star Wars Trailer - 25Mb