

The Lightyear Commitment

Lightyear Promises To:

- Deliver a complete communications solution including data, Internet, voice, Web hosting, and email services
- Enhance the efficiency, scalability, and reliability of your network
- Provide equipment at no additional cost
- Install the **Lightyear SmartStream** kit on a high quality swing-mount rack with Uninterrupted Power Supply
- Provide network monitoring to the Lightyear Provided Equipment 24 hours a day, 7 days a week
- Support NAT, DHCP, and Port forwarding if required
- Provide network maintenance, support, and customer service 24 hours a day, 7 days a week
- Provide simplified billing by combining all communications expenses onto a single bill
- Uphold the Service Level Guarantees stated in the Terms and Conditions of your contract

Help Us Help You By:

- Supplying a T1 card or C/O card (if applicable) to allow for voice connectivity
- Completing Customer Checklist with your Lightyear Network Consultant
- Providing Lightyear access to facility at time of install
- Supplying an installation area that has proper cooling and air circulation, low humidity, minimal vibration, and is reasonably dust-free
- Reserving a space for installation that is at least 32" x 32" x 32"
- Providing a space that is within 6 feet of the inside wiring punchdown block or T1 termination and within 20 feet of the PBX and router connections (customers will be responsible for costs associated with extensions beyond the Local Exchange Carrier's demarcation)
- Providing a space within 6 feet of an A/C power supply with a minimum of 100 to 240 VAC/50 to 60 Hz



www.lightyearcom.com



Connecting You To Tomorrow's Business Landscape

Lightyear SmartStreamSM

Why Choose Lightyear SmartStream?

Chances are, the way you do business today is different than yesterday. Clients are more demanding; competition is fierce. Let Lightyear connect you to tomorrow's business landscape with **Lightyear SmartStream**, a complete package of data, Internet, voice, Web hosting, and email services in one convenient and cost-effective bundle.

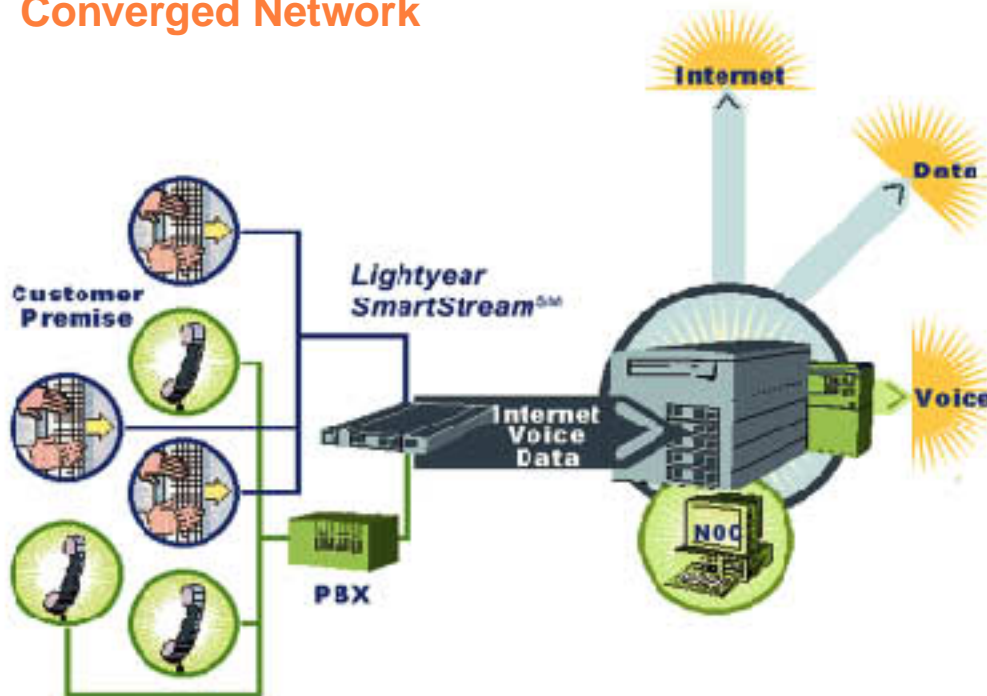
Lightyear SmartStream converges all your business communications through a high-speed access point, giving you the exceptional power of a much larger network...at a fraction of the cost. And with **Lightyear SmartStream**, there is no equipment for you to purchase or maintain. Lightyear delivers and installs your **Lightyear SmartStream** kit and then monitors the flow of your business communications from our 24 hour a day, 7 day a week Network Operations Center. Odds are, if there's a problem with your communications, we'll know about it and have it repaired before your doors open for business the next day. It's that easy.

Make the Smart Move to **Lightyear SmartStream**.

Efficiency, Flexibility, Scalability

No longer do you need a separate connection for each of your business services. **Lightyear SmartStream** converges your data, Internet, and voice traffic across a single connection to fully maximize the efficiency of your communications. And that saves you money.

Lightyear SmartStream's Converged Network



- Reduced access costs
- True data, Internet, and voice convergence
- Proactive network maintenance to Lightyear Provided Equipment
- Maximum bandwidth utilization
- Application efficiency, flexibility, and scalability
- Single point of contact for all communications services

Lightyear Provided Equipment



- 1 - High quality swing-mount rack
- 2 - Uninterrupted Power Supply (UPS) and battery backup
- 3 - Customer information label & notes
- 4 - Customer analog punchdown block (66 M150)
- 5 - AC power socket and switch
- 6 - 12 analog voice ports FXS (RJ-11) or T1 interface card if digital (RJ-48)
- 7 - 10/100 Ethernet LAN port (RJ-45)
- 8 - 2 high-speed serial ports supporting Frame Relay and HDLC (V.35/V.11)
- 9 - Command console port
- 10 - T1 uplink to Lightyear network (RJ-48)
- 11 - Customer router connection (V.35)
- 12 - Customer LAN connection (RJ-48)
- 13 - Customer digital PBX connection (RJ-48)

Leading Edge Technology

Asynchronous Transfer Mode

Our advanced ATM Network, built with the highest Class of Service for circuit performance, is capable of examining, prioritizing, and routing each piece of data by its level of importance. This way, we can ensure that information is transmitted accurately to the right place at the right time.

Dynamic Bandwidth Allocation

Right now you are probably wasting a great deal of your connection's capacity because lines are designated for each application. **Lightyear SmartStream's** DBA intelligently and simultaneously assigns the right amount of bandwidth for each application on demand. This assures full use of your T1s capacity at all times, therefore maximizing your connection's efficiency.

Silence Suppression

Lightyear SmartStream further maximizes the use of your T1 connection by removing the wasteful transmission of silent pauses from phone calls and by using the extra bandwidth for data transmissions.