

## SPRINT ATM VBR-RT SERVICE

### REAL-TIME PERFORMANCE FOR VOICE AND VIDEO WITH REAL-LIFE SAVINGS

Sprint makes it possible for your business to realize the full potential of a converged network service with the addition of the variable bit rate-real time (VBR-rt) class of service to Sprint ATM Service<sup>SM</sup>.

VBR-rt makes it more economical than ever to integrate voice, video and time-sensitive data traffic with less time-sensitive data. You will no longer need to reserve part of your bandwidth for real-time applications to assure real-time performance. All your traffic can ride over a single network connection and share the same bandwidth. In short, you'll be able to do more with less — and the bottom-line savings can be very impressive.

#### By taking advantage of the ATM VBR-rt class of service, you can:

- ▶ Share bandwidth across all applications without sacrificing performance
- ▶ Reduce the need for separate networks for intra-company calls and videoconferencing
- ▶ Save on network access costs



---

## Sprint ATM VBR-rt Features

### More efficient bandwidth utilization

The VBR-rt class of service takes advantage of two important benefits inherent in ATM adaptation layer 2 (AAL-2) — silence suppression and voice compression. The Sprint network automatically detects when there is silence on the line and sends more voice or data traffic in its place. Through voice compression, more voice and data can be delivered more quickly over the same amount of bandwidth.

All of which means you can oversubscribe your VBR-rt permanent virtual circuits (PVCs). And that's a big advantage over the ATM constant bit rate (CBR) class of service, where oversubscription is not allowed.

### Leading service level agreements

Sprint backs VBR-rt class of service with market-leading service level agreements (SLAs). Sprint guarantees 100% end-to-end network availability and guarantees that average PVC delay will be no higher than 39 to 43 milliseconds end-to-end, depending on access bandwidth. The data delivery rate guarantee is 99.99%, putting it on par with the SLA for the CBR class of service.

## Applications

You'll get real-time performance for:

- ▶ Long distance calls between "on-net" locations
- ▶ Connections to local and long distance networks for "off-net" connections (coming 4Q, 2001)
- ▶ Videoconferencing, interactive video training and streaming video
- ▶ Real-time data applications

## Business Advantages

With the addition of the VBR-rt class of service to Sprint ATM, you'll be able to:

- ▶ Cost effectively converge all voice, video and data traffic onto one network and one network connection
- ▶ Enjoy true quality of service while making the most efficient use of bandwidth
- ▶ Simplify network administration and realize savings on access costs and equipment

**For more information, talk to your Sprint representative or call 1-800-816-7325.**

**Visit Sprint on the Internet:  
[www.sprintbiz.com](http://www.sprintbiz.com)**

