

MONMOUTH TELECOM ----- Dynamic IVAD



**Full Service
Telephony & Internet**

Monmouth Telecom Introduces Integrated Voice and Data Dynamic Bandwidth

Take Control

Of T1 Rather than assign fixed capacity for traditional voice and data usage, **Dynamic IVAD** continuously adjusts to heavy data demands by permitting the full use of the IP circuit to support data traffic when voice lines are idle. However, *voice traffic will always have priority*, so businesses get maximum utilization and value from their integrated access circuit while ensuring the highest quality of service for voice calls. It reduces the time needed to exchange large files while delaying or perhaps eliminating the purchase of additional bandwidth. **Dynamic IVAD** voice traffic travels over the MT&T CLEC network, between its switching facilities and customers. This allows MT&T CLEC to offer a **VoIP** service supported **with 911** capabilities.

Why do we call

It Dynamic? It is similar to our standard integrated product **IVAD** because it includes Local, Internet and Long Distance on one economical T1 access circuit. But unlike most other integrated solutions, Monmouth Telecom **Dynamic IVAD** is far more flexible. In the normal integrated solution from most other companies, part of the T1 is dedicated to voice traffic and part is dedicated to data traffic. Using specific technology, we offer you more - when you are not using your voice circuits, they no longer sit idle! They become part of your data bandwidth. This additional bandwidth allows you to move more data faster. When someone needs one of the voice circuits, the data bandwidth transparently contracts ever so slightly to handle the voice call. All day, the data bandwidth dynamically increases and contracts as it manage your company's voice and data requirements - optimizing both on a call-by-call basis. How do we do this? Through Central office technology that we have invested in to make this capability available for you.

Trade Off with

Classic IVAD **Dynamic IVAD** is based on VoIP technology. To insure voice quality every voice channel is 96 Kbs. Therefore, Dynamic IVAD will support 16 voice channels rather than 24 on a Classic IVAD. However, if only two voice channels are in use there will be 1344 Kbs available for Internet bandwidth.

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Monmouth Telecom Introduces Integrated Voice and Data Dynamic Bandwidth Service (Dynamic IVAD), addressing data capacity needs. Obtain Network efficiency.

Dynamic IVAD service includes:

Dynamic Allocations - Flexible bandwidth to optimize your service between voice and data requirements.

- Full use of facility for Internet data when voice lines are not in use
- Multilink IVADs with option to 3 Mbs
- 1 to 24 voice lines
- MT&T Long Distance (LD) service
- Interstate and intrastate, 1+ and toll-free, international

Cost Saving Solutions:

Small and large businesses alike will recognize the benefits of **Dynamic IVAD**. Whether scalability, ease of configuration, the simplicity of working with one provider or just being able to maintain a budget based on a one price for all your telecom services, **Dynamic IVAD** is the right choice.

Dynamic IVAD means:

- Dedicated local account team to act as your single point of contact
- Easy, hassle-free installation
- 24 x 7 customer support
- Proactive network monitoring
- Efficient problem tracking and escalation processes
- Reduced communications and network expenses
- Internet access from multiple Tier-1 providers for redundancy
- One Bill

If you are ready for a single provider of voice and data solutions, reduced network expenses, and an effective way to manage your telecommunication costs, then you are ready for **Dynamic IVAD**. Make the most of your T-1 investment. Use dynamic allocation to increase your Internet bandwidth by using the voice lines for IP when your employees are not on the phone!

For more information on Monmouth Telecom **Dynamic IVAD**, or any of our other voice, data, or Internet services, please email our @monmouth.com or call **1-877-monmouth**