AT&T IP Flexible Reach
Agenda

• Convergence

• AT&T’s VoIP Portfolio

• AT&T IP Flexible Reach

• Features

• Reporting

• Summary
Key Considerations for Convergence and Voice Over IP

Enterprise Drivers

“How can I improve productivity?”

“How can I better integrate business applications?”

“How can I manage my costs more effectively?”

“How can I ensure the security of my business?”

Enterprise Benefits

Performance
Enhancing operational efficiencies and productivity

Agility
Increasing time-to-market and workflow responsiveness

Control
Strengthening visibility and real-time adaptability across the enterprise

Security
Protecting against the unexpected

IT Landscape

Applications

Application Infrastructure

Networking Fabric

Access

4 Points of Convergence

Take Advantage of Services Over IP

Optimize Your Application Infrastructure

Enable Your Network with MPLS

Converge Voice and Data on Your Access
Inspire your communications in ways you never thought possible with voice transformation.

• Voice communications are part of nearly every aspect of work and life
• Ever-changing technology is influencing the way we interact like never before
• Voice transformation maximizes the way you communicate and collaborate, to change the way you do business
• Convergence of your voice and data communications empower your employees to be more productive
  – Virtually anytime, anywhere, all while realizing potential cost savings
AT&T IP Flexible Reach

SIP trunking service delivering IP voice & data on integrated access for customer PBX systems

**Highlights**

- Potential Access / bandwidth savings via converged voice and data
- Connects with analog, digital & certified IP PBXs
- Unlimited local & on-net with off-net LD
- Local: Portability, OA/DA
- Virtual Telephone Numbers*

*limitations and conditions for virtual telephone numbers may apply

- Access Types: Ethernet with Managed Internet Service
AT&T IP Flexible Reach Features

Voice Quality of Service

- Class of Service with 4 different profiles optimizes voice & data application performance
- Dynamic bandwidth allocation supporting bursting of data during voice idle periods
- Silence suppression for up to 50% reduction of per call packets
- Industry leading call compression capabilities

Interoperability with traditional and next-generation PBXs

- Traditional PBX/Key system interfaces
  - Support CAS, PRI & analog signaling
- IP PBXs interfaces
  - Cisco, Avaya, & Nortel
- Additional PBX certification testing will support more PBX vendors in the future.

Multiple Call Types

- IP On-Net to IP On-Net
- IP On-Net to PSTN Off-Net
- Inbound/Outbound Local Calling
- International off-net

AT&T Management

- Centralized Dial Plan administration and maintenance
- Network QoS monitoring & management
- Network Performance Reporter – Web portal for Call Detail Reports
- Service Level Agreement - Site Availability

Virtual Telephone Numbers*

* Limitations do apply to Virtual Telephone Numbers. Please see the BVoIP Service Guide for details on limitations and conditions of use.
Virtual Telephone Numbers (VTNs)

Assign a telephone number from anywhere within AT&T’s business VoIP local footprint to a phone that is not physically located within your location’s local calling area

Highlights

• Centralize inbound calls to a common location
• Extend capabilities of IP-PBXs
• Simplify management of enterprise calling

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Virtual Telephone Numbers (VTNs)

Centralized Call Delivery

- Assign VTNs from any local calling area
- Allows a single site to support telephone numbers from multiple local calling areas
- Routes calls originating from across the country and answer them at a central location

Call Flow
1. End-user dials VoIP Customer
2. LEC passes call to LNS
3. VoIP network establishes path to client hub site
4. Managed Router sends call to IP PBX
5. IP PBX establishes connection to handset over client’s data network
6. Phone rings and call established

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AT&T IP Flexible Reach

Technical Assistance - Project Management and Onsite Installation Service

With Technical Assistance, you don’t have to worry about installation issues and delays. AT&T takes care of the following details for you at no additional cost*:

• Project Management of Installation
  – Coordinate onsite installation
  – Provide timely status

• Install AT&T Managed IP Flexible Reach Router
  – Power up and physical check
  – Connect POTS lines for AT&T remote management

* Inside wire or demarcation extensions are at additional cost. Other Optional Service Charges may apply.
Choose Your Calling Plan...

Local and Long Distance Plan (Plan B)
• Unlimited on-net calling
• Unlimited inbound and outbound local calling
• Per minute off-net for LD and international calling

Local and Long Distance Package (Plan C)
• Unlimited on-net calling
• Unlimited inbound and outbound Local calling
• 300 minutes/concurrent call “included” for off-net LD calling
• Per minute (over included minutes) off-net for LD & international calling

(All plans selected on a per site basis)
**Local Calling Plan**

- E911 is supported only for calls made from the registered location within the business VoIP local footprint (including AT&T owned local service facilities).
- Emergency calls are routed to a geographically appropriate PSAP based on the caller’s location.
- Key System or PBX (IP or TDM):
  - Only one registered address for a given customer location
- TDM PBX utilizing CAS*:
  - Only one call back number (configured in the router) for all users.
- TDM PBX utilizing PRI or IP-PBX:
  - Station ID is supported as the call back number if provided by the PBX

AT&T strongly recommends alternate means of accessing 911 services at every site.

*Channel Associated Signaling

CCE = Call Control Element
PSAP = Public Safety Answering Point
Why AT&T IP Flexible Reach?

Build a new outlook on how your voice service could benefit your bottom line and overall productivity. Empower your business for the future with AT&T Business VoIP solutions.

What’s in it for you..

• Consolidate voice and data with a potential lower TCO, optimizing your budget
• Increase your voice functionality
• Can ensure future business resiliency and easy scalability
• Create a flexible working environment – make it available virtually anywhere
• Can improve productivity - make regular voice tasks more efficient
• Have less hardware on site than with traditional systems
• Simplify administration and maintenance
• Prepare for the future, enable communications applications
Thank You
Rethink Possible®