



Switch reliably.



Legacy Switch Removal with Aztek's 5000LF



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Aztek 5000LF: Line Aggregation Gateway

- **High-Density Subscriber Aggregation**

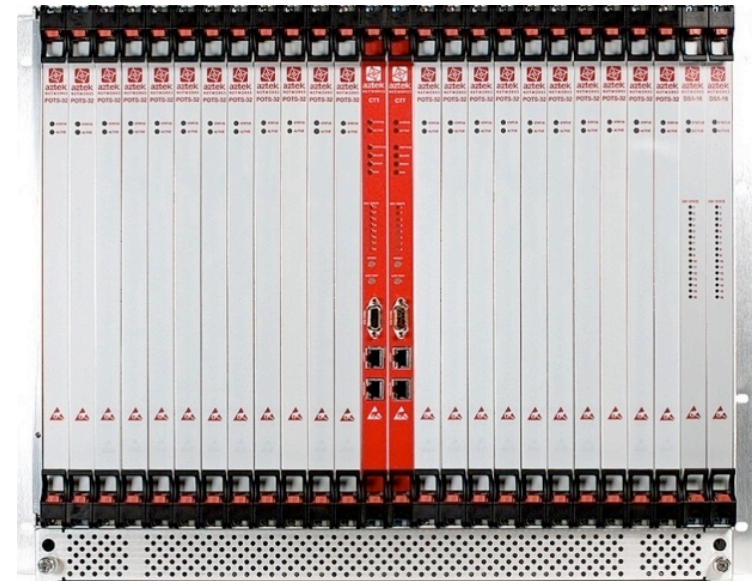
- 3000 Subs Mixed TR-08 & POTS
 - 768 in a POTS only environment
- 32 Channel POTS Cards
- 16 DS1 TR-08 Cards
- 10 RU x 23"
- Carrier-Class Availability
 - NEBS III, OSMINE

- **GR-303/VoIP Network Interfaces**

- 16 T1s to Network
- 2 x 1GB Ethernet Ports

- **Very Low Power**

- Dramatic Cost Savings

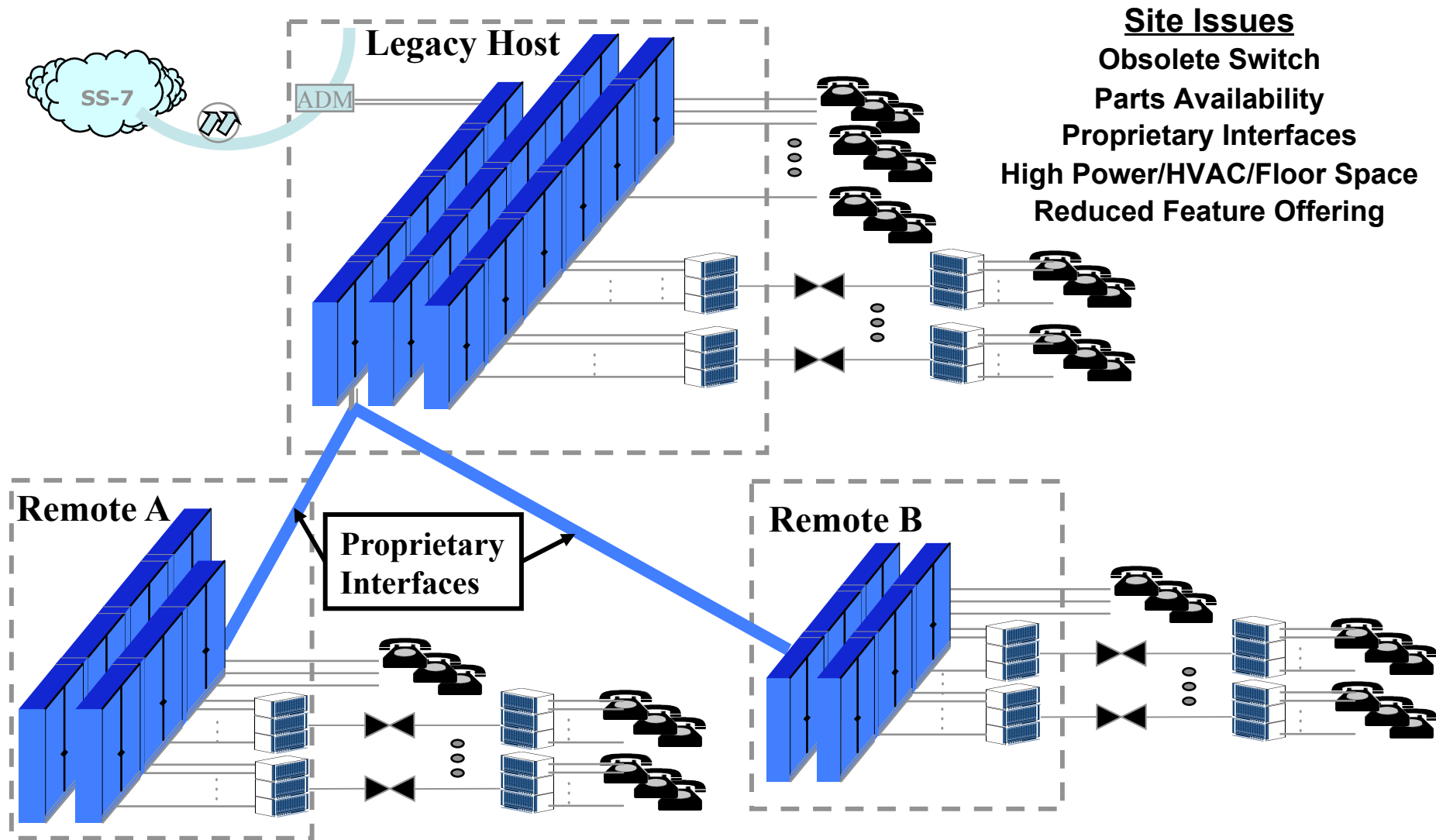




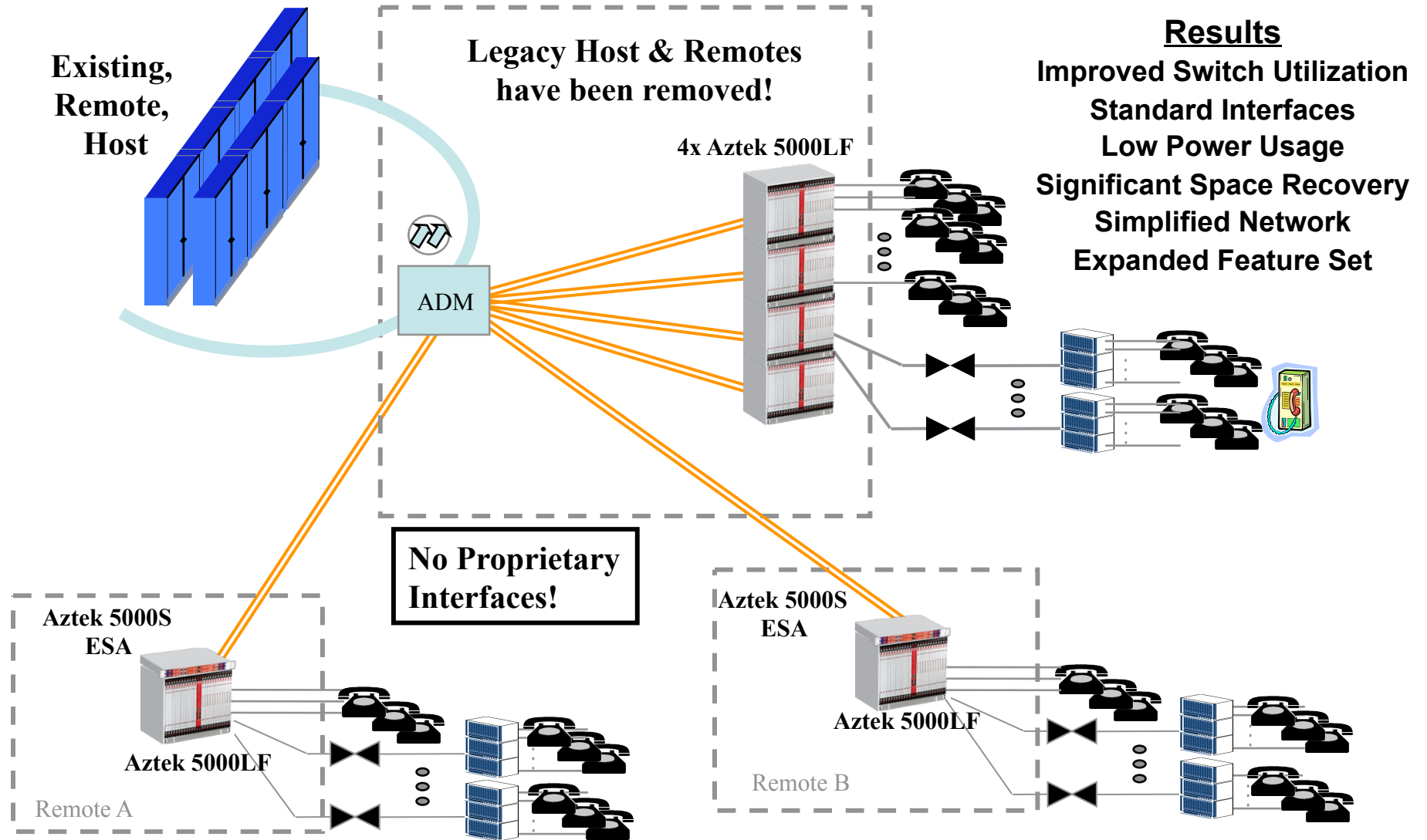
The Problem – Legacy TDM Switches

- **TDM Switches are:**
 - The Largest Consumers of Power in the Network
 - Impediments to Broadband Deployment
 - Consistently Underutilized
 - Obsolete (Some more so than Others)
 - Maintenance is Expensive
 - Spares are an Issue
 - Skilled Craft are Retiring
 - Not Feature Extensible...No Path to IP
 - The Most Significant Obstacle to a Converged Network
- **TDM Switches are not:**
 - What Competitors are Using

Legacy Switch Cluster

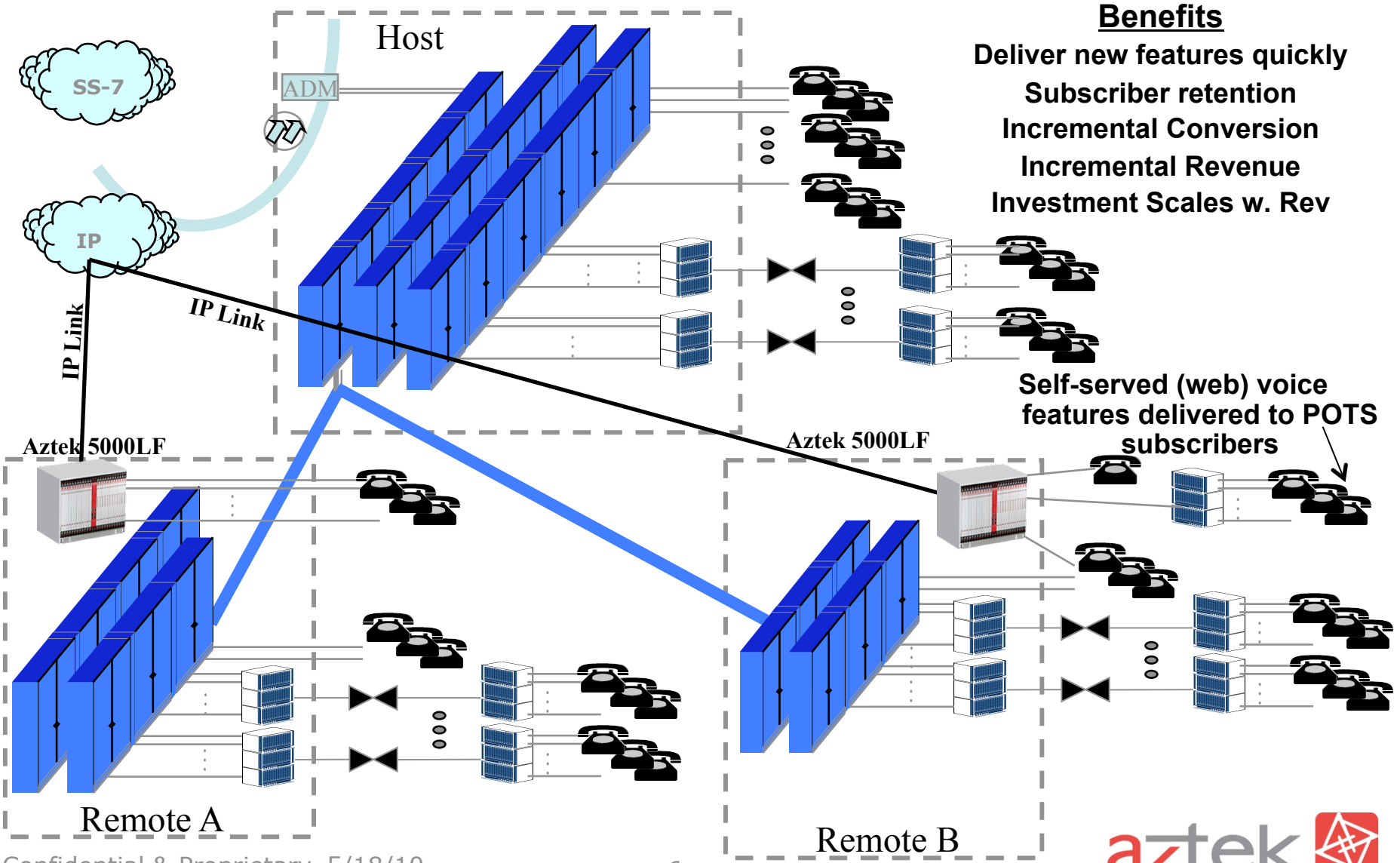


Aztek's Solution



== GR-303 Interface Groups

Alternative Softswitch Feature Overlay



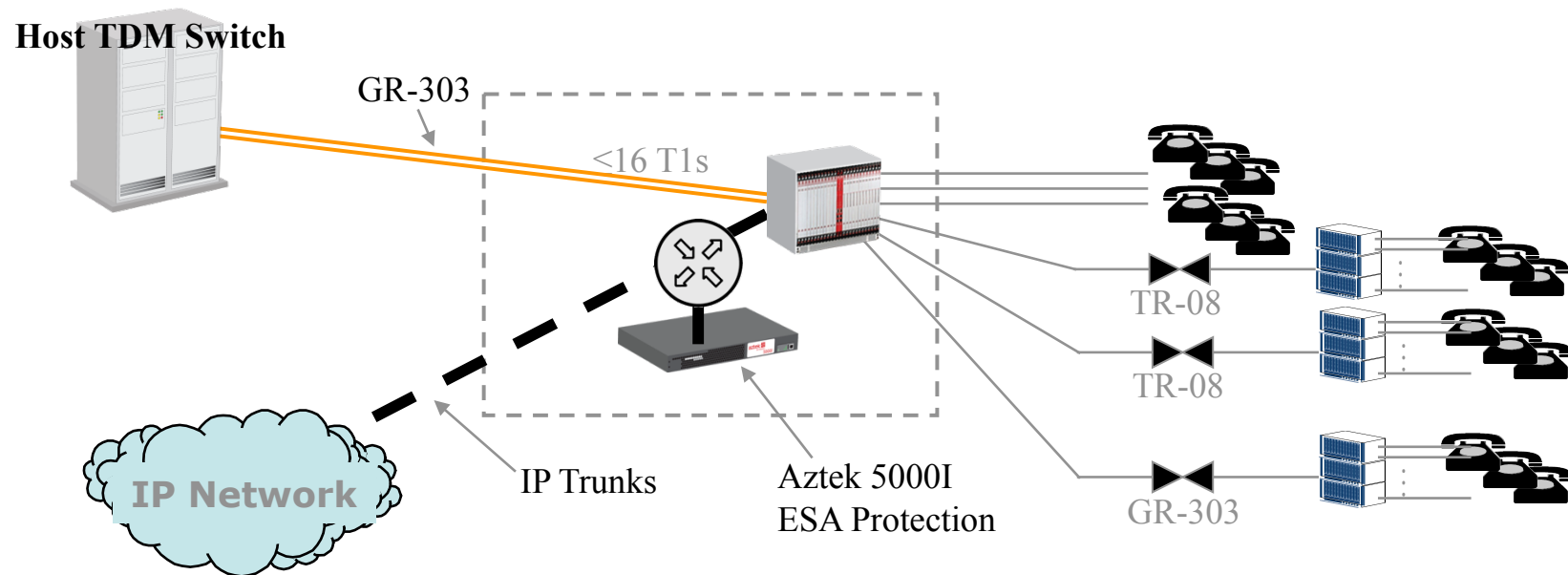
Benefits

- Deliver new features quickly
- Subscriber retention
- Incremental Conversion
- Incremental Revenue
- Investment Scales w. Rev

Self-served (web) voice features delivered to POTS subscribers

Facilitate migration to VoIP/IMS

- Simultaneous TDM and VoIP switch support
- Migrate subscribers to VoIP/IMS – individually or en masse
- Subscribers are never out of service
- Subscribers are automatically registered with 5000I for ESA Service





Measured Transition to IP/IMS

- **Eliminating End Offices**
 - An Essential Step to a Converged Network
 - Line Access Gateway
 - ESA Functionality
 - Powerful Option for Service Restoration
 - Rather than Replacing a Switch with a Switch
 - Advanced Features
 - Potential Incremental Revenue, Definitely Subscriber Retention



Aztek's Impact

Aztek's solution can positively impact the Service Provider's business in the following ways:

- 90% reduction in switch power consumption
 - Contribute to "Green Initiatives"
- Legacy switch equipment removal
 - Reduce RTU, maintenance & support costs
- Repurpose real estate/floor space
 - Alternative internal uses
 - Sublease or sale
- Facilitates migration to VoIP/IMS
 - Deliver enhanced voice features to POTS subscribers



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