TECHNOLOGY SERVICES 2017
IN REVIEW

INFRASTRUCTURE

- 2 Redundant Palo Alto 7080 Firewalls
- 15.5 Gbps Internet Speed
- 3 Providers for Redundancy
- Stopped: 5,059,536 Known Spam Messages
  and 4,404 Emails Containing Viruses
- 2 Redundant Core Routers
- 72 Distribution Switches
- 1,150 Access Switches
- 2x 10 Gbps Redundant Aggregate WAN Links
- 1 Gbps Tertiary Link
- 84,000 Unique Wireless Devices
- 27,000 Chromebooks
- 7,000 Laptops
- 12,000,000 Devices Annually
- 4,474 Access Points
- 291 Miles of Belden 6A Cable

37 Schools
7th Largest District in GA
47,000+ Students
5,000+ Staff Members

www.forsyth.k12.ga.us
Some of the most visible projects occurring this past year were the removal of old hardware, and the delivery and setup of new hardware.

**Out with the Old, In with the New**
- Legacy Desktops
- CRT Removal
- Chromebooks
- New Teacher Notebooks
- New Admin Notebooks
- Printer Refresh
- Windows 10
- Macs
- Legacy Hardware Removal

**Network and Data Center Upgrades**
- Primary Data Center
- Secondary Data Center
- Data Vault
- Firewall Upgrade
- Core Network Upgrade
- School Switch Upgrade
- WiFi Upgrade
- Security Audit
- Exchange (email) Upgrade

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**Internet Stats at a Glance**

**Year/Traffic (TB) vs. Year/Service**

<table>
<thead>
<tr>
<th>Year/Service</th>
<th>Year Traffic (TB)</th>
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<tbody>
<tr>
<td>Networking</td>
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<tr>
<td>General Internet</td>
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<td>Media</td>
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<td>Business</td>
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<tr>
<td>Social Media</td>
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<td>Other</td>
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- Google 18%
- SSL 31%
- YouTube 10%
- Quic 14%
- SnapChat 7%
- IPSec 6%
- Web 4%
- HTTP Video 3%
- iTunes Media 1%
- Apple Appstore 4%
- Other 0%