

Dayton Independent Schools  
Technology Department Board Report  
Public Notice – Information on Internet Protection for Students  
Regular Board Meeting – November 18, 2015

The Dayton Independent Schools District recently migrated from the state standard Microsoft Threat Management Gateway (TMG) Proxy Server to LightSpeed Systems in-line content filtering system. The need for this migration was due to TMG going end-of-life in December of 2015.

The installation of the LightSpeed Rocket took place on August 25, 2015. The Rocket passed all traffic from the TMG server to the internet without additional filters until the Rocket was completely configured. The migration was scheduled on September 24, 2015. The time between the installation and the migration was used to learn how the Rocket works and how to use it to block content. The Rocket was migrated and steps are in place to remove the TMG Server.

What does the In-Line Content Filter do and mean? The In-Line content filter means that the server sits between our networks (both wired and wireless) and the internet. All Internet traffic goes through the server. Content Filter means that the server looks at meta data in web sites to determine how to categorize the content. The Rocket looks at both the user's group access and the categories and determines if the user is 1) allowed to view the content or 2) block the content and display a notification.

Digital Citizenship lessons are being taught at both schools to encourage students to be safe while online. There are nine elements to Digital Citizenship. (source: [http://digitalcitizenship.net/Nine\\_Elements.html](http://digitalcitizenship.net/Nine_Elements.html) )

1. **Digital Access:** Full electronic participation in society
2. **Digital Commerce:** Electronic purchasing and selling of goods
3. **Digital Communication:** Electronic exchange of information
4. **Digital Literacy:** Process of teaching and learning about technology and the use of technology
5. **Digital Etiquette:** Electronic standards of conduct or procedure
6. **Digital Law:** Electronic responsibility for actions and deeds
7. **Digital Rights & Responsibilities:** Those freedoms extended to everyone in a digital world
8. **Digital Health & Wellness:** Physical and psychological well-being in a digital technology world
9. **Digital Security (self-protection):** Electronic precautions to guarantee safety

Each of these elements are being taught at one point or another in classrooms and labs. For example, I (Casey Woods) observed Ms. Young was pre-assessing a group of students on how to be safe and conduct themselves online while I was working on her circulation/teacher station. When we tell students to sit up straight with both feet on the floor, we are teaching Digital Health & Wellness.

Attached is the CIPA (Child Internet Protection Act – 1998) compliance documentation from LightSpeed Systems.