

*Providing Governance Over Electronic  
Communication and Data Management (CQ-R)  
Administrative Guideline for Internet Content  
Management and Filtering*

**Internet Content Management and Filtering Governance  
Committee Meeting**

Keeping Staff and Students

**SAFE ONLINE**

**CIPA**



ISC Room 502C, from 2:00 p.m. – 4:00 p.m.

October 4, 2016

Quarterly Meeting for the 2016-2017 School Year

# Providing Governance Over Electronic Communication and Data Management

## Committee Membership for Previous School Year (updates will follow)

Name	Title	Email Address
Joshua Campbell	Director, Student Services, Sec	<a href="mailto:joshua.campbell@cfisd.net">joshua.campbell@cfisd.net</a>
Nicole Canada	School Librarian, Labay MS	<a href="mailto:alicia.canada@cfisd.net">alicia.canada@cfisd.net</a>
Megan Casas	School Librarian, Lamkin Elem	<a href="mailto:megan.casas@cfisd.net">megan.casas@cfisd.net</a>
Becky Cook	Director, Instructional Technology	<a href="mailto:becky.cook@cfisd.net">becky.cook@cfisd.net</a>
Gloria Cooper	Director, Student Services, Elem	<a href="mailto:gloria.cooper@cfisd.net">gloria.cooper@cfisd.net</a>
Frankie Jackson	Chief Technology Officer	<a href="mailto:frankiej.jackson@cfisd.net">frankiej.jackson@cfisd.net</a>
Barbara Levandoski	Director, Curriculum & Instruction, Elem	<a href="mailto:barbara.levandoski@cfisd.net">barbara.levandoski@cfisd.net</a>
Onica Mayers	Principal, Kirk Elem	<a href="mailto:onica.mayers@cfisd.net">onica.mayers@cfisd.net</a>
Sheri McCaig	Principal, Goodson MS	<a href="mailto:sheri.mccaig@cfisd.net">sheri.mccaig@cfisd.net</a>
Stephanie Meshell	Principal, Cy-Ridge HS	<a href="mailto:stephanie.meshell@cfisd.net">stephanie.meshell@cfisd.net</a>
Lana Mock	Director, Curriculum & Instruction, MS	<a href="mailto:lane.mock@cfisd.net">lane.mock@cfisd.net</a>
Elizabeth Nebeker	Librarian, JVHS	<a href="mailto:elizabeth.nebeker@cfisd.net">elizabeth.nebeker@cfisd.net</a>
Greg Rhodes	Manager, Network Operating Systems	<a href="mailto:greg.rhodes@cfisd.net">greg.rhodes@cfisd.net</a>
Michelle Rice	Principal, Copeland Elem	<a href="mailto:michelle.rice@cfisd.net">michelle.rice@cfisd.net</a>
Paula Ross	Director, Infrastructure, Communications & Networks	<a href="mailto:paula.ross@cfisd.net">paula.ross@cfisd.net</a>
Marney Sims	General Counsel	<a href="mailto:marney.sims@cfisd.net">marney.sims@cfisd.net</a>
Kenya Turner	Director, Curriculum & Instruction, HS	<a href="mailto:kenya.turner@cfisd.net">kenya.turner@cfisd.net</a>
Wendi Witthaus	Principal, Hopper MS	<a href="mailto:wendi.witthaus@cfisd.net">wendi.witthaus@cfisd.net</a>

# **AGENDA – Tuesday 10/04/16**

- Welcome
- History and Purpose
- General Review
  - Firewalls and FortiGuard
  - Student Profiles
  - Blocked/Unblocked Categories
  - HTTPS and SSL
- Topics
  - YouTube
  - Wikipedia
  - Teacher Personal Web Pages
  - Google
  - Student eMail
  
- ✓ Discussion: Issues or Questions



## Governance History and Purpose

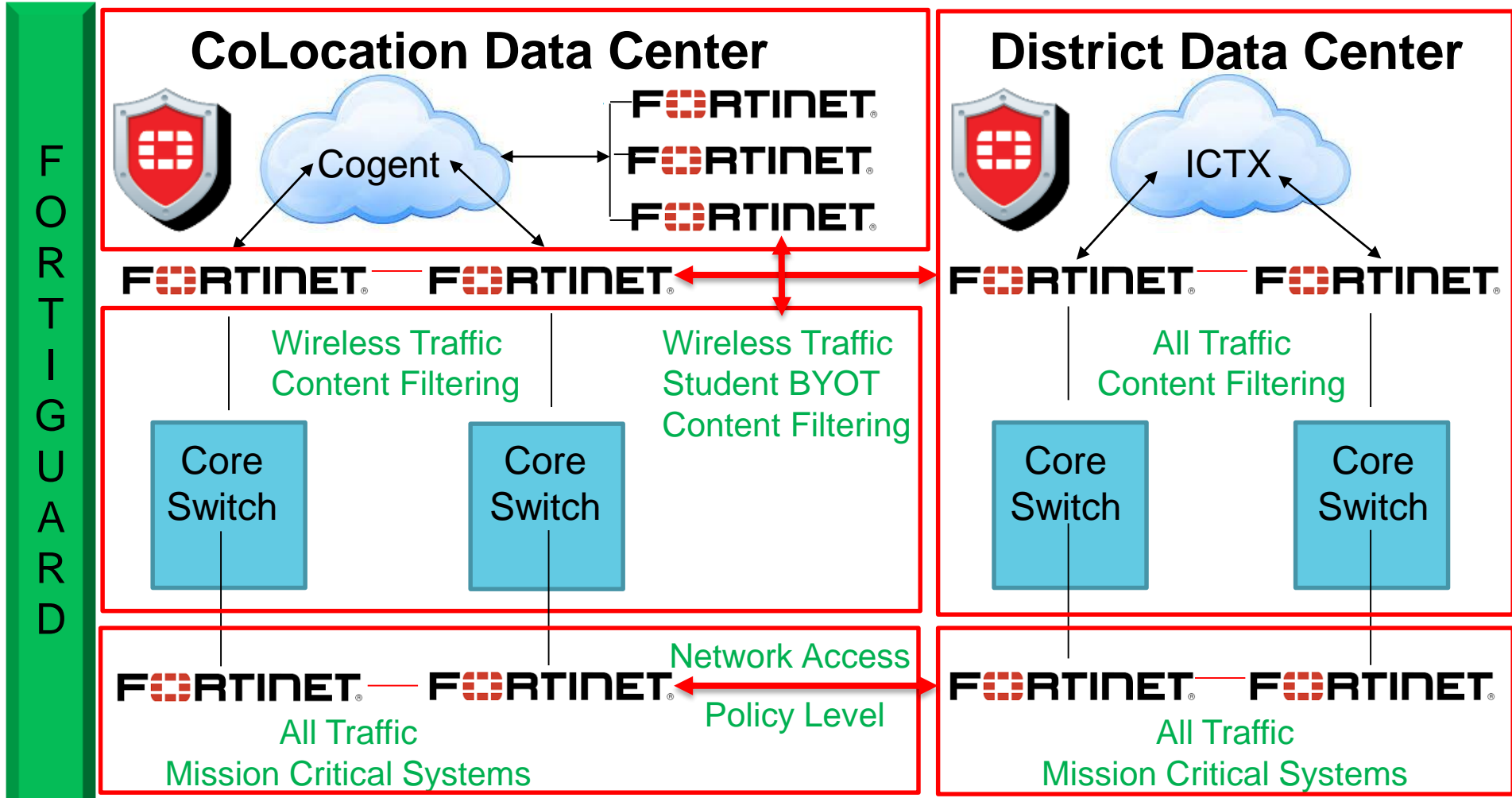
In **September 2014**, we formed an **Internet Content Management and Filtering Governance Committee** with the following purpose:

- Provide governance over the district's electronic communication and data management (CQ-R) Administrative Guideline for Internet Content Management and Filtering,
- Maintain compliance with the Children's Internet Protection Act (CIPA), and
- Manage the district's Internet content management and filtering practices.

# Providing Governance Over Electronic Communication and Data Management



## Firewall Overview



# Student Grade Level Profiles

Elementary, Middle School, High School



## Student Grade Level Profiles

- **Elementary Profile** – “blocked” categories with a custom elementary allowable category.
- **Middle School Profile** – “blocked” categories with a custom middle school allowable category plus elementary category.
- **High School Profile** - “blocked” categories with a custom high school allowable category plus middle school and elementary categories.



## Current Categories “blocked” for Students

### Potentially Liable

Child Abuse  
Illegal or Unethical  
Explicit Violence

Hacking  
Drug Abuse  
Proxy Avoidance

Discrimination  
Plagiarism  
Extremist Groups

### Adult/Mature Content

Alcohol  
Dating  
Pornography  
Marijuana

Nudity & Risqué  
Other Adult Materials  
Lingerie & Swimsuit  
Tobacco

Weapons (sales)  
Gambling  
Sports Hunting & War Games

### Security Risk

Malicious Websites  
Phishing  
Spam URLs

## Current Categories “blocked” for Students (continued)

### **Bandwidth Consuming**

Freeware and Software Downloads  
Internet Radio and TV  
Internet Telephony

Peer-to-peer File Sharing  
Streaming Media & Download

### **General Interest – Personal**

Brokerage and Trading  
Domain Parking  
Games  
Instant Messaging  
Meaningless Content  
Newsgroups & Message Boards

Personal Privacy  
Personal Websites and Blogs  
Social Networking  
Society and Lifestyles  
Web Chat

### **Unrated**

## What is HTTPS?



*Defines how messages are transmitted between visitor's browser and website's server.*

*Protects and encrypts information sent across the Internet.*

*Encrypts information sent between browser and server.*

HTTPS makes it harder for hackers to break the connection and steal personal information such as credit card numbers, addresses, passwords, etc.





## **Best Solution:**

- Turn on Deep Packet Inspection at the Firewall
  - Concerns
    - Requires Certificates on devices (district and personal)
    - May cause high utilization in the firewall

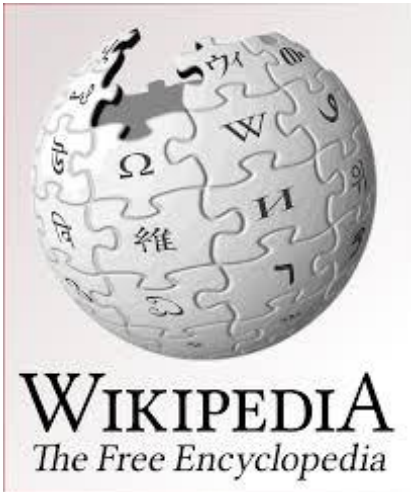
## **Next Best Solution:** (Currently In Place)

- Force Safe Search
- Google Policy Restrictions
- DNS Redirection
- Firewall Rules denying access to specific sites
- AUP

# Providing Governance Over Electronic Communication and Data Management



## Becky Cook, Director of Instructional Technology



**Becky Cook, Director of Instructional Technology**



## Becky Cook, Director of Instructional Technology





## Becky Cook, Director of Instructional Technology



Office 365  
Student Email

## Discussion: Issues or Questions

