**NetSpective Implementation Strategy**

**Implementation**

TeleMate.Net Software will assist all districts and administrators with the installation and set-up of the NetSpective WebFilters. Each school district will have their own rack-mountable inline and proxy appliances, which will be installed in each district’s rack. Each district’s technology coordinator or administrator will be responsible for the unboxing the appliance and physically installing in the rack. TeleMate will work with the designated State of Kentucky staff to define an initial starting configuration for Groups, Filtering Policies and Overrides, as well as, any other standards desired. All equipment will be preconfigured with the initial settings. TeleMate staff will assist with additional customization as necessary for each school district that requires it at the time of installation.

TeleMate’s technical staff will remotely assist each district with deployment and training.

The actual deployment of each NetSpective solution typically takes between 90 minutes to no more than 4 hours per site. The deployment model for a typical installation goes as follows:

Step 1: Unbox the NetSpective appliances and rack mount.

Step 2: The appliances are licensed and assigned an IP address.

Step 3: The NetAuditor reporting software is installed on a local server or VM.

Step 4: Through the remote assistance of TeleMate.Net Software, the following will be configured:

* LDAP is integrated to populate NetSpective with users and groups.
* The initial starting configuration is loaded and users are assigned to groups.
* Authentication methods for the various devices are reviewed in detail.
* The NetSpective is configured to send logs to the NetAuditor.
* Initial training on both the filtering and reporting is covered.
* Additional follow-up training can be scheduled as required.

**Implementation Schedule**

**Equipment**

The ordering, manufacturing, and shipping of appliances to support roll out to all school districts within Kentucky will require a 4-6 week lead-time. During the lead-time, TeleMate staff will work with the school districts to establish the shipping priority schedule and gather roles & responsibilities for each site. Information gathered will include: shipping information & priority, site contact information, IP address, LDAP credentials, etc.

**Standard Configuration**

The predefined configuration created with the State of Kentucky for a normal deployment is pre-loaded in the appliance. Each site can easily customize the predefined configuration at any time. This standard configuration will define the groups, policy templates and overrides. The recommended groups include: Admin, Staff, Student, Mobile and Public/unauthenticated. Policies Templates will be generated for and associated with each group. Since there are multiple elementary, middle and high schools within a district the student policy template is associated with students in all the schools groups. This allows policy changes to be made in one template and implemented in multiple groups as desired.

**LDAP Integration**

Each site administrator will provide and enter the necessary LDAP authentication information into the web filter. LDAP configuration assistance has three levels of resources to support the integration: documentation, video and WebEx. For the site contact that requires WebEx support, there will be self-assigned 1 hour time slots for the 30 days prior to going live.

For most locations, integrating with LDAP and loading the preconfiguring Groups, Filtering Policies and Overrides into the web filter will be sufficient for them to be filtering with CIPA compliance. Other locations may need to customize one or more of the templates to best meet the needs of the school. TeleMate will provide assistance through with our three levels of support strategy with documentation, videos and WebEx.

**Logging and Reporting**

The final stage of deployment will be to set up the logging and reporting of information. Sites that would like to have information logged will be supported with three levels of support: documentation, video and WebEx.

**Pilot Sites**

TeleMate recommends a pilot site installation to work out the details of installing and configuration of the web filtering service. An evaluation unit will be available for pilot test and a TeleMate resource will be allocated to support the pilot site. Items that should be covered in the pilot site are: ship, rack, power, IP Address assignment, standard policy load, LDAP association, custom policy definition, logging and reporting.

**Testing of Each Site**

TeleMate will test each site to assure that critical network traffic is passing properly and undesirable traffic is filtered correctly. Reporting will be utilized to assure this compliance.

**Schedule Modifications**

TeleMate will adapt and modify the implementation schedule based upon each district’s needs and working hours. TeleMate will not interrupt normal school activity during deployment.