

BadgerNet Converged Network (BCN)

WAN Services Supporting Customer Managed Video Applications:

Many BCN education and government WAN customers purchase IP video equipment they install and manage with their own technical resources. There are numerous ways and kinds of equipment customers use to implement government video conferencing, training and the PK/20 curriculum (class) sessions.

The following three categories of BCN WAN services provide BCN customers different options and levels of service to collaborate and communicate via the BCN **Intranet** (BCN WAN on-net with no usage charges while experiencing very high quality and reliable connections). These options also provide options for off net intra state, interstate and global connectivity.

WAN – HPLL (high priority/low latency) Silver package (formerly known simply as HPLL)

WAN HPLL Silver is a WAN service that creates a wide area virtual private network for video and voice over IP applications that require high priority/low latency bandwidth to provide a high level of quality of service (QoS). The equipment necessary to support a video conferencing session, such as the camera, monitor, codec and/or IP phones are not supplied with this service. You must purchase them yourself. Any HPLL user can contact the UW-Extension (Pyle Center) to use its bridge for a fee. Only the HPLL – Platinum users can use the BadgerNet MCU

WAN – HPLL (high priority/low latency) Gold package

WAN-HPLL Gold package includes the same options and service as the Silver package with one important addition. The Gold package includes the use of the BadgerNet scheduling system. This allows a session to be initiated either from the classrooms with the codecs or from a separate location. The scheduler allows you to plan and coordinate sessions well in advance at the beginning of a semester for education users or business meetings or training sessions for government users. These sessions can run every day, every week, month or ad-hoc.

WAN – HPLL (high priority/low latency) Platinum package

The WAN – HPLL Platinum package includes the same options and service as the Gold package, but also includes access to the BadgerNet MCU to bridge sessions of three or more. Any HPLL user can contact the UW-Extension (Pyle Center) to use its bridge for a fee. Only the HPLL – Platinum users can use the BadgerNet MCU

Options are also being developed to provide BCN non-HPLL user managed video customers with the same options above also allowing connections between general WAN and HPLL WAN video.