

**Ball State University**  
**Terry S. King, Provost and Vice President for Academic Affairs**

**Global Media Network**

**Global Media Network Partnership Requirements**

The Global Partner must have an endpoint/video conferencing system that is H.323 compliant. Ball State works on an IP based network with Polycom and Tandberg encoding technology. The location must be able to sustain a 384 Kbps call inbound and outbound, or higher throughput capability.

The partner H.323 system must be H.460 compliant which allows for firewall traversal. Additionally, the video conferencing system needs to be H.239 capable, which allows for high resolution graphics to be displayed.

Partners that have H.323 compliant systems, but do not have the H.460, or H.239 ability can become partner members, but ports are required to be opened inbound and outbound on the network that the system resides on. These ports vary by endpoint and vendor. The Video Network Information Center, (VNIC) at Ball State University would gladly work with potential partner members to ensure success of using this communications medium. Options are available if ports are unable to be opened inbound, contact the VNIC for further assistance.

To keep current with the video demand, gatekeepers were installed within the network to provide the following:

- Call Setup
- Managed bandwidth
- Provide a simplistic method of end-users connection to the internet
- Ease of access to and from Ball State University's network

Information relative to your gatekeeper adoption can be found at:

<http://cms.bsu.edu/en/About/AdministrativeOffices/UTS/UTSServices/VNIC/Gatekeeper.aspx>

Ball State requests at least 14 days notice to setup a video conference with new international partners. Prior to the conference Ball State will conduct a test with the endpoint off campus to ensure there are no problems between locations.

## Global Media Network Video Conferencing

Global Media Network was developed through the Lilly Grant; originally the concept was to provide one room for doing all academic related video conferencing with our partners in the international community.

Growing during the initial phase of the GMN project was steady as reflected in the 06 through 08 data. A determination was made to provide GMN service to all conferencing locations to provide ease of connectivity that were available on the Ball State University Campus.

### 2008 International Program

33 Events – 8 international sites  
74.8 Hours

### 2007 International Program

131 Events – 13 international sites  
328.68 Hours

### 2006 International Program

156 Events – 26 international sites  
390.42 Hours

### 2005 International Program

116 Events  
228.98 Hours

### Original Partners.

- |                         |           |
|-------------------------|-----------|
| ▪ Suwon Korea           | 2 systems |
| ▪ Seoul Korea           | 2 systems |
| ▪ Istanbul, Turkey      | 1 system  |
| ▪ Queensland, Australia | 2 systems |
| ▪ Brazil                | 1 system  |

### Additions to the GMN

Cairo, Egypt (AUC)  
Caracas, Venezuela (UNIMET)  
Kathmandu, Nepal (KCM)  
Deyang, China (City)  
London, England (CWC)  
Lennoxhead, Australia (AC)  
Dubai, U.A.E (U.S. Embassy)  
Kuwait City, Kuwait (U.S. Embassy)  
Amman, Jordan  
West Bank, Gaza  
Chengdu, China  
Shanghai, China (Shanghai Normal University)  
Limerick University United Kingdom  
ACU National-McAuley Campus

Instabul,  
Turkey  
KMITL,  
Thailand  
Hong Kong Baptist University  
Kyung Hee, Seoul Korea  
Kyung Hee, Suwon campus  
Toki University  
Japan  
University of South Hampton  
Glamorgan, Wales  
Worcester College  
Universidade de Santa Cruz do Sul,  
Brazil  
Leningrad, Russia