

*NORT²H Presents:
Technology Toolbox*

NORTH²

Got Videoconferencing, now what?



An introduction to IVC & the many themes to enhance student learning.

Your Presenter:

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**Send a TXT to
50500
Place Phiero in
the message**

Follow me on Twitter: <http://twitter.com/Hairynomas>

Want this PowerPoint?

<http://tinyurl.com/gotivc>

or

www.lcdlc.org/TechTBX_GotIVC.htm

IVC Terminology for 500 Please

IP – A series of numbers assigned to your IVC system's computer.

Internal IP – A local number within your network (usually starts with 10).

Public IP – A unique number to the internet that allows any system to reach your system.

Bridge or MCU – A switch that can connect multiple IVC systems together into one conference.



H.323 – The protocol used to compress and manage video and audio packets over the Internet.

Firewall – A safety barrier between your network and the outside world. IVC units need to have H.323 ports open to receive connections. Blue screens are common issues with firewalls. Video does not pass either direction.

Nuts and Bolts



Codec + Video + Network = Videoconference

Remote Controls



Must finds – 1) Mute 2) Volume 3) Camera Control 4) Hang up
Good finds – 1) Zoom 2) Presets 3) Home 4) Content 5) Far end control

Test Calls Need'em, Love'em



a reminder:
Test
Calls!

Popular Test Sites

- 208.108.92.151 – NORT2H Test Unit
- 71.14.2.158 – VTC CallBack
- 152.3.126.30 – Duke Mocking Bird
- 64.15.104.142- Denver Skyline
- 12.35.162.139 – TANDBERG
- lobby.austin.polycom.com - Polycom
- 80.68.51.35 – Global Leap
- 128.240.252.49 – JA.Net Public Test
- 213.26.189.25 - *UK Aethra Vega Star*
- 209.163.224.69 – Aquarium Test Unit
- 128.235.240.17 – NJEdge Test Unit

Who Do I Connect To??

IVC Themes

- Content Providers: Museums and other organizations that have created lessons that are taught to your students. Many providers send materials with pre- and post-lesson activities. Sessions range from 30 minutes to two hours with cost ranging from FREE to \$300. The average cost is \$120.00 for a 50 minute session.



Columbus Zoo, Ohio



Center Of Puppetry Arts
Atlanta, Georgia



Reef HQ, Australia

I can connect anywhere over IVC!

Where Do I Find this Stuff!

The screenshot shows the CILC (Center for Interactive Learning and Collaboration) website. At the top, there is a navigation bar with links for 'Calendar', 'Custom Catalog', 'Post Content & Resources', 'Username', and 'Login'. Below this is a search bar and a 'Join NOW! It's FREE!' button. The main content area features a 'New Award!' section for the 'Professional Development Providers recognized for outstanding content' (CILC PINNACLE AWARD 2008-2009) and a 'Want More Benefits?' section for 'Register Or Renew Your Premium Service Plan'. A banner at the bottom reads 'Learning Communities don't just happen...' with a 'myCoach' logo.

www.CILC.org

www.twice.cc

The screenshot shows the 'VC Content Providers Database' website. It features a search bar and a 'Videoconference Program Database' section. The database description states: 'This database, sponsored by Polycom, Inc., contains programs from content providers such as zoos and museums that offer ISDN or IP based videoconferencing. The Berrien RESA has researched this information to the best of our knowledge. If you have any corrections or updates, please email them to vcintern@berrienresa.org.' Below the description are search fields for 'Program Description (recommended)', 'Keyword search', 'Program Title', and 'Content Provider'. A 'Standards Region' dropdown menu is also present.

www.LCDL.org

The screenshot shows the Ohio Distance Learning website. The header includes the logo and the text 'Ohio Distance Learning' with the tagline 'Eye on the world through distance learning'. Below the header is a navigation bar with links for 'Home', 'About OhioDL', 'Partners', 'Support', and 'DL Showcase'. The main content area is titled 'Distance Learning Program Guide' and contains the text: 'Use the links below to search for video distance learning programs.' followed by four search options: 'Search by Ohio Content Standards', 'Enter Search Criteria to Find Programs', 'View Program Offered by Ohio Content Provider', and 'View All Programs by Content Provider'.

The screenshot shows the 'Content Providers' page on the LCDL website. It features a navigation bar with links for 'Home', 'About LCDL', 'Member Schools', 'Themes', and 'Professional Development'. The main content area is titled 'Content Providers' and contains the text: 'Content Providers are organization that provide unique programming to students in various content areas. Some content providers charge a fee while others are free. View our content provider database by clicking on the links below. Listed below are the specific websites for Ohio content providers, as well as several renown searchable content provider databases.' Below this text is a section titled 'Searchable Content Provider Databases' with a search bar and a 'Search' button.

Finding programs is so easy with some help 😊

Who Do I Connect To??

IVC Themes

- Professional Development: Educational Service Centers, High Education Institutions, Hospitals, Museums providing teachers training on Technology Applications, Curricular Topics, Health and Safety or program opportunities. Sessions can be presentations or workshops and range from one to four hours at various price ranges.



Professional Development without leaving my building

CILC PD Market Place



CILC
Center for Interactive
Learning and Collaboration



[Calendar](#) | [Custom Catalog](#) | [Post Content & Resources](#)

Welcome back Paul
You have CILC Premium Service
[Go to MY CILC.ORG](#)
[Edit your Profile](#)
[Log Out](#)

[CILC Consulting & Services](#)

[Professional Development](#)

[Content for Students](#)

[Resources](#)

[About CILC](#)

[Request Programs or
Register for Events Now](#)

[Home](#) > [Professional Development](#) > [Professional Development Marketplace](#)

Professional Development Marketplace

Search the Professional Development Marketplace to find experts and programs (delivered via videoconferencing, webinar, online delivery, streamed and archived video as well as face to face) to help you and your organization improve learning and classroom/daily practice.

Search

Keyword:

Professional Development Provider:

All Professional Development Providers

It is necessary to have a **PIN** to request a connection. Find out how to [get your free PIN](#) or [find your PIN](#). For additional assistance, contact 866-302-CILC (2452) toll free.

View list of [2008-2009 Pinnacle Award Recipients for Professional Development Providers](#)

PROFESSIONAL DEVELOPMENT

[Professional Development](#)

[PD Packages](#)

[PD Programs Marketplace](#)

[CILC Consulting Services](#)

[Upcoming Spotlight Sessions](#)

[On Demand Spotlight Sessions](#)

[Collaboration Center](#)

PAUL HIERONYMUS

Paul's

[CILC.ORG](#)

[Favorites](#)

[Collaborations](#)

[CILC Calendar](#)

[Classes](#)

[Capabilities](#)

Profiles

There is more than just NORT²H?? Look at all of these opportunities!

Who Do I Connect To??

IVC Themes

- Classroom to Classroom Collaborations: Classrooms connecting to classrooms to share lessons, give presentations, share projects or just say hello. Classroom connections are free and vary in structure.



The possibilities are endless...

Types of Collaborations

Pen Pals Chapter Books
Historical Figures K2K Lessons
Mystery Quests
Science Experiments Exchanges
Problem based learning
Readers Theater
Community Awareness

Kids teaching kids, now that sounds fun and a great learning experience...

Where Do I Find a Partner?

The screenshot shows the CILC Collaboration Center website. At the top, there is a navigation bar with links for 'Calendar', 'Custom Catalog', and 'Post Content & Resources'. Below this, there is a 'We're Proud of You' ribbon and a 'Welcome back Paul' message with links to 'Go to MY CILC.ORG', 'Edit your Profile', and 'Log Out'. A menu bar contains 'CILC Consulting & Services', 'Professional Development', 'Content for Students', 'Resources', and 'About CILC'. A central banner reads 'Request Programs or Register for Events Now'. The main content area is titled 'Collaboration Center' and includes a search box for 'CURRENT Collaborations' and 'PAST Collaborations'. A sidebar on the right features a large upward-pointing arrow with the text 'Increase Student Motivation, Communication and Learning' and 'CILC's Collaboration Package includes coaching, support consultation, workshops and more.' Below this is a 'Learn More Contact: Monica Proulx' link.

CILC Collaboration Center



www.global-leap.org

The screenshot shows the CAPspace website. The header includes the title 'Collaborations Around the Planet' and the tagline 'CAPspace, a portal for videoconference projects'. It also features the POLYCOM logo and the TWICE logo with the text 'TWO WAY INTERACTIVE CONNECTIONS IN EDUCATION'. A navigation bar contains links for 'Home', 'My Profile', 'My Projects', 'Search', 'My Settings', 'Credits', 'TWICE', and 'Logout'. The main content area is titled 'Where Do You Want to Go Today?' and includes a 'Login to CAPspace' section with fields for 'Email' (phero@leeca.org) and 'Password'. Below the login fields are 'Login', 'Create a New Account or Forgot Your Password?' links, and a photo of a videoconference session. A paragraph explains that CAPspace is a social networking tool for educational videoconferencing built into the Read Around the Planet registration system. It also states that there are currently 3400 educators from 21 countries registered with CAPspace.

<http://projects.twice.cc>

The screenshot shows the VcAlberta website. The header features the 'VIDEOCONFERENCE Vc Alberta' logo and the tagline 'Making Connections'. A navigation bar includes links for 'home', 'what's new', 'social networking', 'resources', 'vc directory', 'research', and 'content providers'. The main content area is divided into three columns: 'WELCOME CHOOSE YOUR PATH' with links for 'Educator Resources' and 'Technical Resources'; 'CONTENT PROVIDERS' with a 'Find Content Providers' button; and 'SOCIAL NETWORK' with a 'Connect to My Peers' button. A search bar is located on the right side of the page, and there is a section for 'Upcoming Events' for the month of August.

<http://vcalberta.ca>

Who Do I Connect To??

IVC Themes

- Career Programs: Guest speakers from local communities talking about their profession to students from multiple locations. Career programs range from STEM to Skilled labored positions and are geared toward Middle & High School students.



The global economy can come to your classroom.

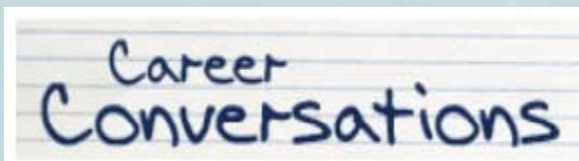
Career Program Providers



WVIZ PBS - NOTA



SOITA Consortium



Vanderbilt Virtual School

Who Do I Connect To??

IVC Themes

- Virtual Classes: Full courses offered over videoconference. Classes can be offered by a teacher in a remote classroom, a shared classroom with students onsite and offsite, or a shared remote teacher with multiple virtual classes.

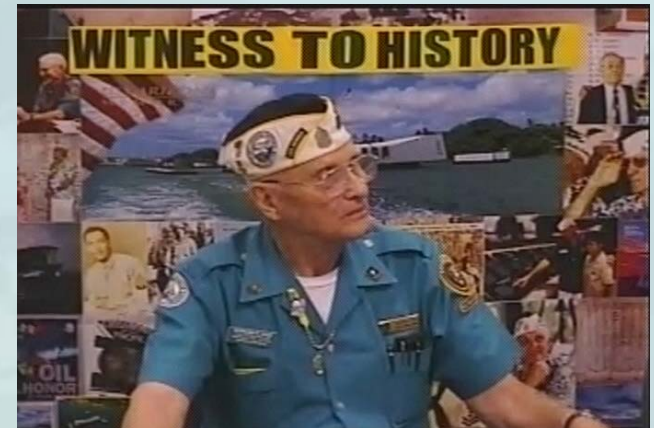
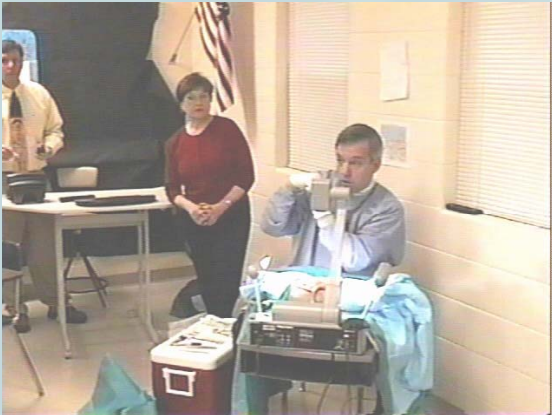


Expand your course offerings through IVC.

Who Do I Connect To??

IVC Themes

- **Special Events:** A one time event that is only offered at specific dates and times by a content provider, consortium and school. These sessions are usually guest speakers, or holiday events. Many of these events are free but others use multiple sites to generate revenue to cover the cost of the speaker.



Sharing and receiving special programs. What a great idea!

Some of Our Favorites

Read Around the Planet

Megaconference

Meet the Scientist

Virtual College Tour

Freedom Calls

Ask an Author

Virtual Surgeries

IVC News



IVC News, Updates and Opportunities

IVC News, Updates and Opportunities [edit](#) [New Tab](#)

Content Provider Updates

- Grade K-5 Fort Worth Museum of Science and History Fall Program Spotlights**
Texas State Tonight! Our vendor who's vendors objects you connect in the night time sky in... [Share](#)
- Grade K-6 Makingum Valley ESC Presents: 500+ of Pumpkins**
Various math concepts in this Fall themed... [Share](#)
- Grade K-12 Music of the Silk Road by Anne Aileen & Leslie**
National Resource Center: The program features a brief overview of the Silk Road before delving into a survey of music and... [Share](#)
- Grade 3-5: Virtual Lung by Denver Museum of Nature & Science**
Explore Lung anatomy as you observe a looping animation which takes a close look at concepts... [Share](#)
- Grade K-7 New Links to New Learning**
Author Amy Skorsky is returning for the 2010-2011 school year as a new link to new Learning... [Share](#)
- Grade K-12 Middle Eastern Dance by the Cavalea Center for Dance and the Performing Arts**
Egypt, Turkey, Lebanon - oh my! Leslie Kennedy, Director of the School of Middle East... [Share](#)
- Grade 3-4 Incredible Invertebrates of the Tropical Rain Forest by Roger Mountain Science Center**
What are some characteristics that do they all have in common of... [Share](#)

Special Program Opportunities

- Grade K-4: Ten Unusual Features of Luke McDerm**
October 19th - Unusual Features of Luke McDerm is a wonderful story that your students will... [Share](#)
- Grade 4-12: Hispanic Heritage**
Hispanic Heritage Month is celebrated September 15th through October 15th, and this is a great... [Share](#)
- FREE Grade K-8: Astronomy Day 2010 with McDonald Observatory**
Astronomy Day is made possible by Michael R. Levy and The Mayor Levy Charitable Foundation... [Share](#)
- Grade 9-12: El Dia de los Muertos (Day of the Dead)**
[Share](#)
- Grade 3-4: Making Wind Power Do the Work by SOITA**
This is a hands-on session for students to learn engineering and science concepts about wind and... [Share](#)
- FREE Grade 4-8: The Disability Project by MDC-TV**
This interactive program, the Disability Project, dramatizes music, dance, sketches and... [Share](#)
- FREE Polycorn Special Events - Annual School of Music Biggie Music Workshop**
Join us on the 29th October 2010 for the second event in the ANU School of Music's Streaming... [Share](#)
- FREE Grade 4-8: Doing Matters**
Jan Geremias, PhD, will discuss the importance of doing better to... [Share](#)

Teacher Collaboration

- Grade 1 & 3: Monster Match**
Description: It's the day of the videoconference, each student draws a colorful monster and then... [Share](#)
- Grade 5-12: Art Critique Self-Portraits**
Description: students will use up to 1 min. to describe their self-portraits to be performed... [Share](#)
- Grade 1-3: Fall TWICE ASK Author Interviews**
Full information is online here: <http://www.twice.as/ASK/> Take place July/October 2010 ASK Author... [Share](#)
- Grade 9-12: Proxemics Conference**
Description: The first International Proxemics Video Conference. This will take place in... [Share](#)
- Grade 4: Monster Match**
Description: We are looking for a fourth grade classroom to share a Monster Match. Using common... [Share](#)
- Grade 6-7 of the Egypt Game novel by Elzbeta Kvasilova Snyder**
Description: Adopt the literature circle format to create a collaboration that involves... [Share](#)
- Grade 9-12: Cultural Exchange - Oktoberfest**
Description: We are seeking performers who can share with us their knowledge of and experience with... [Share](#)
- Grade 9-12: International Conference on Mental Health**
Description: As part of World Mental Health Day, 500 students from across North, Central... [Share](#)

www.netvibes.com/nort2h

