

NETWORKING101

WEST VIRGINIA NETWORK (WVNET)

WVNET \$3.5 MILLION GRANT APPROVED



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WVNET is updating its network to better serve our customers!! *WVNET Director Dan O'Hanlon announced that WVNET's \$3.5 million grant to build a 10Gb ring has been approved. We currently backhaul about 5Gb/second to Pittsburgh, since WV has no node on the national core internet backbone. Because of the increased demand from the BTOP fiber, Marshall University's SEG-P grant to offer Internet2 to K-12, and WVU's increased need for bandwidth, we anticipate increased demand in the range of 8Gb/second. To accommodate this increase, WVNET is changing its network from accumulating the traffic in Charleston and Morgantown and sending it digitally to Pittsburgh, to building a 10Gb ring from Morgantown to Charleston to Huntington to Columbus to Pittsburgh and back to Morgantown. The ring will be fully diverse and fully redundant, with handoffs in separate locations [Columbus and Pittsburgh] to different Commodity Internet Carriers and Internet 2 services. WVNET asked the state and federal government to support the new equipment needed for this buildout and was pleased when word was received the grant was approved. As a result, we anticipate significantly lowering the cost of broadband to all our customers going forward.*

Organizational Changes



Bob Lint retires — After 40+ years of service to WVNET, *Telecommunications Network Specialist Bob Lint* has retired. Bob was a kind and gentle soul and his quiet, yet effective, demeanor will be missed throughout WVNET and the State. Coworkers and friends wish Bob a healthy and happy retirement as he transitions into the next phase of his life.

Tony White — Please join us in welcoming **Tony White** to the staff of WVNET. Tony is our new Network Operator who hails from Thurmont, MD. He is pursuing his bachelor's degree in Computer Science from WVU and is close to graduation. Tony is an avid fan of sports, cooking, and movies. He recently came to WVNET from a student tech help position with WVU where he worked at the Coliseum. This is Tony's first job in the industry and he is very excited to be working at WVNET.



West Virginia Statewide Technology Conference has gone virtual! The WVSTC 2012 Program Committee is pleased to announce this year's conference — *Attendance is Virtual Learning is Real* — will be a **FREE** live online event August 8-9, 2012. This year's conference will be the first ever virtual conference and the potential is phenomenal for reaching more participants and allowing each attendee the flexibility to view sessions, keynotes and exhibitors virtually as his or her own schedule permits. The conference committee welcomes proposals for presentations on a wide range of topics including those of interest to K-12 education, higher education, and state agency personnel. Please see the *Call for Presenters/Volunteers* at the conference website for further information <http://conference.wvnet.edu>

Higher Education Technology Conference—In addition to the statewide technology virtual conference, a higher education only conference will be held the week before Thanksgiving at the Waterfront Hotel in Morgantown, WV. This is the first time in several years that we have had a higher education conference and we are pleased to be able to do so. For those who have not been able to attend any of the statewide conferences at Waterfront, we hope you will be able to participate in this one. More information to come. Mark your calendars for November 12-13, 2012.

Check this out!!

WVNET Data Center and the WVU Research Park YouTube video [here](#)

ON A MORE PERSONAL NOTE



"A Picture's Worth a Thousand Words"— WVNET Director Dan O'Hanlon

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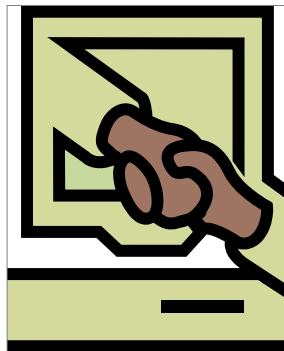
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Argos—The Argos license for our installed server has been extended to July 1. Any reports that have been developed will still be there and usable after July 1 when our permanent license will be in place. To clarify a previous question, Argos can be used to report against any data source, not just Banner or Oracle databases. Pricing for Argos hosting is based on recovery of WVNET expenses for providing the service. This includes: **Cost recovery for hardware**— We are providing the hardware to start. We operate our servers on a 3-5 year replacement cycle. Our annual service fee will cover a percentage of the expected replacement cost of the server hardware in 3-5 years. **Software maintenance**— Currently, software maintenance for Argos is \$34000/year with a 4% cap on increases. **Support**—We expect 1 FTE to cover server support, Argos helpdesk, and report development; this is actually spread across several people. **One to two weeks of training provided by Evisions**— More training is available for additional cost. **Utilities, SAN storage, administrative costs, etc.** WVNET doesn't have the final numbers for some of these costs, but once we do that will be a fixed cost. The hosting fee per school is based on the total number of participants. Additional demonstrations of Argos have been requested to assist administrators to understand the capabilities of Argos. The following dates and times are possible. These demos will be web-based: **Tuesday May 1** at 1:30; **Wednesday May 2** at 10:00 or 11:00 and **Monday May 7** at 10:00, **Tuesday May 8** at 4:00 and **Wednesday May 9** at 10:00 or 11:00 or 1:30. Please email Bonnie Lynch bonnie@mail.wvnet.edu with preferred time slots. We can schedule more than one. If we need dates further out, please let Bonnie know that too. Connection info will be sent out when timeslots are identified. There will also be an Argos demo held live at the CFO/CPO conference in Flatwoods on May 25. In addition, Ron Hamilton ronh@mail.wvnet.edu has volunteered to show the sample dashboard he developed on our test system if anyone wants to see that and hear about Ron's experience with Argos. To see the free training provided by Evisions for Argos, see their training calendar. You can also see some example reports on their website.

DegreeWorks—Good progress is being made. All scribing is done for the first cohort as of this week. The kickoff and first training sessions (on scribing) were good experiences. The Ellucian (formerly known as SunGard) consultants have been very good. The second training sessions are scheduled for June and the third sessions are in early August. The second cohort of

institutions implementing DegreeWorks will start work in mid-September. We will soon be setting up the listserv lists for these two groups and sending out material to the next cohort participants to determine who the campus project team members will be. More information will be sent out soon.

wvOASIS (Statewide ERP)— Several higher education and WVNET staff members attended a meeting on April 26 with the state ERP team working on the new chart of accounts. Terri Tomblin-Byrd reported that it was a lively meeting and that they made progress. Higher education is better educated now on how the chart is being developed and the ERP team members were educated on the higher education FOAPAL mapping. Since this meeting was with the chart development team and not the interface team, interface development cannot actually begin until the chart elements are finalized but these discussions are critical to the whole process. Timing is an issue for developing the interfaces, since go live is scheduled for October 2013. Work will continue on the higher education side with individual institutions and with further communication with the OASIS team but no additional meetings have been scheduled yet. We will be creating a WVOASIS-HE listserv list to facilitate communications among those working on the chart, interface development, and other implementation issues that may arise. If you would like to participate in this process, please let Bonnie Lynch know bonnie@mail.wvnet.edu

Digital Campus Academy—Available for a free trial until the end of May is a subscription to the Ellucian web based Banner training offering Digital Campus Academy. This is a self-paced learning tool that replaces the previously offered computer-based training modules. Modules available include Student, Finance (including fixed assets), Financial Aid, and Human Resources (if licensed). Annual subscriptions range from \$7500 to \$25000 per campus (based on campus size). There is also an option to subscribe for 3 years at a 40% discount, or 5 years at a 60% discount. The training materials are updated when Banner is updated. This could be a good tool for educating new staff or retraining existing staff and to learn about Banner 9 and other upgrades. Pricing information and connection credentials will be distributed separately.

Check our
newsletter
archives here:

www.wvnet.edu