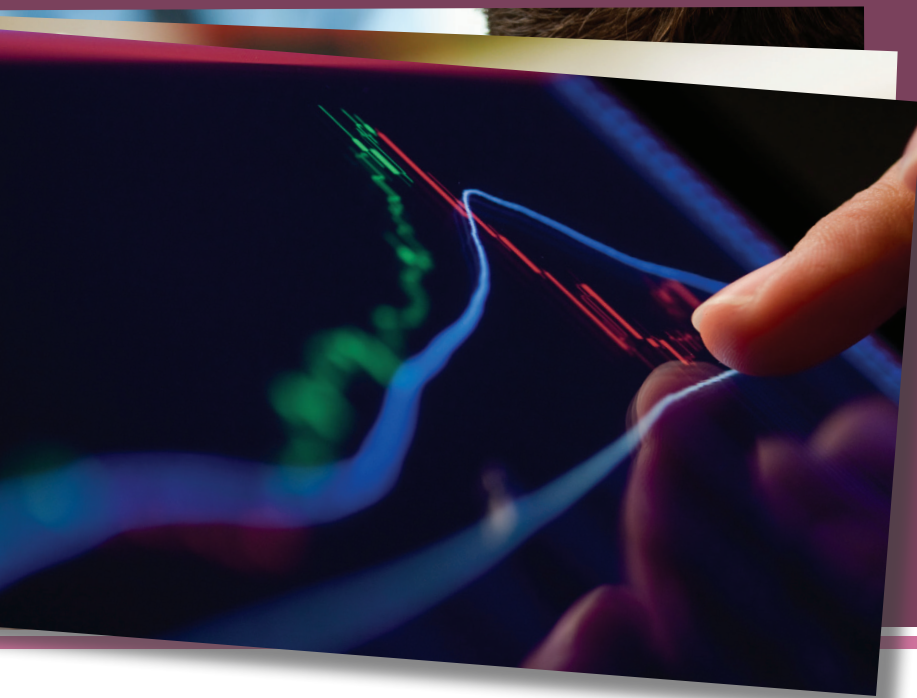


DATA & ASSESSMENT SERVICES



What's New?

.....

The Common Data Report Initiative, a collaborative project of the 12 NYS Regional Information Centers, involves the creation of consistent, high-quality statewide reports for program and instructional analysis in NYS districts and schools. This year brings the release of Common Data View Reports for Regents exams. Both the Grades 3-8 Assessment and Regents Exam Common Data View reports provide educators and administrators the resources and data to reflect upon student learning and effective teaching practices.

2015-2016

Helping Manage Data to Improve Instruction

DATA WAREHOUSE OVERVIEW

.....

The CNYRIC serves as the Level 1 **Data Warehouse (DW)** to 50 public school districts and over 40 non-public or charter schools. The DW helps districts collect, manage, and analyze data to meet all federal and state reporting requirements through the New York State **Student Information Repository System (SIRS)**. DW Administrator meetings are held five times per year to communicate recent reporting updates.

DATA VERIFICATION

.....

Services in **Data Verification** include training administrators and clerical staff in the relationships among state accountability, the CNYRIC Data Warehouse, and SIRS. Training in the use of tools such as **COGNOS Reports**, **Level 2 Reports**, the **IRS Portal**, and the **PD Data System** is also provided. Coordinators help districts create a customized data verification process and establish effective strategies to ensure annual accuracy in state reporting data.

DATA ANALYSIS

.....

This service provides assistance in developing systems for collecting and analyzing student performance data, as well as developing and administering surveys to collect perceptual data. In addition, the DW team assists districts in designing and creating graphs, reports, and data dashboards to share data with teachers, administrators, board members, or community members for comparative and trend analyses.

DATA FACILITATION

.....

Our team of administrators are skilled facilitators and have been trained in a variety of data facilitation strategies, including **Data Driven Dialogue**, **Data Wise**, **The Using Data Process**, and **Adaptive Schools**. Coordinators work with districts in utilizing effective protocols for informative data meetings.

Data & Test Scoring

RESPONSE TO INTERVENTION

This service provides districts with assistance in the effective implementation of **Response to Intervention**. Customized processes are designed to help districts integrate assessment and intervention within a multi-level prevention system to maximize student achievement and to reduce behavior problems. Through this service, a certified administrator works closely with district personnel and administration to not only meet state and federal mandates and write an effective RTI plan, but to provide a preventative framework that will allow student achievement and success for all.

TEST SCORING SERVICES

Test Scoring assists districts in all aspects of testing, including meeting NYS Education Department testing and reporting requirements, consulting on test instruments, scanning and scoring assessments, and interpreting scores and reports. The **Test Scoring** service provides testing materials and answer sheets, generates reports, and creates data extracts for NYS Assessments and Regents Exams, achievement tests, and customized formative/benchmark assessments.



#littleRIC TIP

The Test Scoring team shares important updates via Twitter. Follow @CNYRICTestScori to stay up-to-date!

Contact Us | Data & Testing

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Lori DeForest

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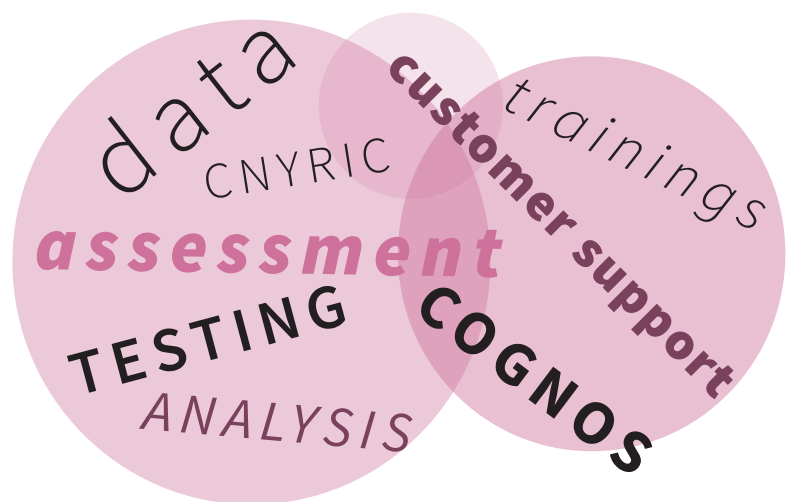
User Groups & Trainings

Professional Learning:

- Central New York Data Analysis Community (CNYDAC)
- Collaborative Data Inquiry Teams (CDITs)
- District Data Coordinator Series
- Response to Intervention PLC (RTI PLC)

User Groups:

- AIMSweb
- Regents
- STAR



Service Spotlight

"Our school district data coordinator did a great job giving us some direction and ideas related to recent reporting requirements and offered us some resources to guide us toward a viable solution.... We are certainly appreciative of our coordinator's time and expertise. As always, I am deeply impressed by the quality of service and the staff you have made part of your service. The combined wisdom is incredibly valuable to all of us. Keep up the good work!"

Pete Colucci

Assistant Superintendent for Management,
Regional Services & Finance
Cayuga-Onondaga BOCES



DISTRICT IT SUPPORT



What's New?

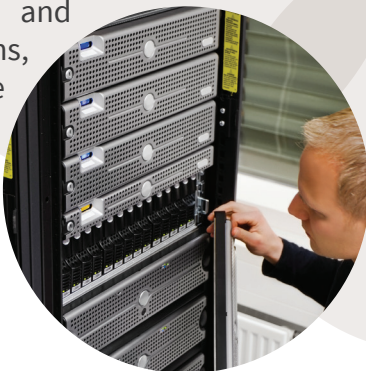
31 Districts Participating in a service that supports IT operations in districts across the region. From technology leadership and network administration to supporting end-user devices, our skilled team works collaboratively to maximize your IT investment.

2015-2016

We Help Manage District Technology

MANAGED IT SERVICES

The **Managed Technical Support Service (MTSS)** is designed to provide districts with technology expertise ranging from project-specific IT support to complete technology management. Utilizing secure remote access, on-site support, and supplemental support hours, districts can customize a technology program that best meets their needs. Through the use of progressive and industry standard solutions, MTSS will reduce the cost of technology ownership and provide customized technical support solutions - while maintaining exceptional customer service.



VIRTUAL HOSTING

District servers can be **virtualized** and **hosted** on CNYRIC infrastructure. With this service a district removes itself from the responsibility of maintaining, supporting, and purchasing server hardware. All CPU and storage space is provided, maintained, and supported by the CNYRIC. Each virtual server will be configured with 500 GB of storage; additional storage can be obtained in 250 GB increments. In addition, disaster recovery methodology is maintained and monitored by the CNYRIC on redundant hardware. Backups are performed by the CNYRIC, while restores are performed by district personnel through a web-based GUI.

Specific virtual hosting functions include:

- Installation of operating system updates
- Hardware maintenance and updates
- Redundant SAN architecture for data storage
- System backups and generator backed power

DISASTER RECOVERY

Protecting information assets within a district is of critical importance. The CNYRIC's Disaster Recovery Service guides and facilitates the development and implementation of a disaster recovery plan. Within this process we identify existing, properly implemented solutions, as well as possible concerns or requirements for change.

Once a plan is developed, the CNYRIC does the following:

- Bring awareness to needed procedural and policy changes
- Train key customer personnel about their roles and responsibilities before, during and after a disaster
- Guide customer through several types of plan testing processes
- Review plan periodically

SERVER BACKUP

Our remote **backup service**, powered by **Commvault**, provides a secure, efficient means to protect district data. Backups are run at off-peak hours with minimal impact on bandwidth and are monitored by CNYRIC staff. Retrieval for lost data due to damaged or corrupt servers is simple and allows districts to maintain operations with minimal downtime.

EMAIL & ARCHIVING

IBM's **Lotus Notes** email program can be accessed through a traditional desktop client or via the web. Lotus Notes supports mobile email access for Blackberry, iPhone, iPad, and Android devices. Email Archiving is also available from the Waterford Technologies MailMeter application. MailMeter stores all incoming and outgoing email messages, providing districts with information security and retrieval capabilities.

Contact Us | District IT Support

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Managed Tech. Support
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Mike Heller

Data Center
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Steven Tryon

Disaster Recovery
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 LinkedIn

Service Spotlight

"This past summer, the technology department in the Auburn Enlarged City School District (AECSD) was extremely busy with numerous infrastructure upgrades. One of the largest projects they completed was an overhaul of their Network Operations Center (NOC). The old server infrastructure consisted of hardware that was outdated and not configured to meet the performance standards of a centralized IT model. The upgrade provides Auburn with a solid foundation to build upon and one that will undoubtedly strengthen IT operations in the district for many years to come.

Among the many project components, was the creation of a centralized storage environment where both virtual machines and Mac/Windows file shares now exist. Not only does this provide a performance boost to the infrastructure, but it also helps to deliver a more reliable experience to end users. Another critical piece to the project was bolstering the district's Disaster Recovery plan. The newly installed private fiber link between the High School (Primary NOC) and the District Office (Secondary NOC) will allow the replication of all data to ensure greater data security. This provides assurances that, in the event of a disaster, the district has all of their mission critical data available for recovery at a moment's notice. Overall, this centralized model provides the District with a rock-solid infrastructure to enable successful teaching and learning, and it streamlines daily IT management allowing for greater focus new technology initiatives."

Thomas Bunn

Director of Technology
CNYRIC

E-COMMUNICATIONS SERVICES



What's New?

Improve school-to-home communication efforts with the assistance of the CNYRIC's e-Communications Support Service. Participating districts receive remote and on-site communications expertise ranging from website, mobile app, and digital signage management, to e-news production, social media leadership, and more. The service aims to support districts' missions by delivering transparent, timely, and accurate information to community stakeholders. Go to www.cnyric.org/e-communications for more information.

2015-2016

We Help Districts Increase Community Engagement

WEBSITE DESIGN & DEVELOPMENT



A **website** is a reflection of a school district's culture and the go-to resource for community stakeholders. Our **Website Design** service provides districts with a customized, user-friendly, and modern website driven by dynamic data. Individual pages for teachers, departments, offices, or any other group within the district are easily created and maintained by the district. Additionally, our website design team is available for hands-on training, as well as phone and email support. All CNYRIC websites include access to **EdEmailer**, a paperless e-newsletter and e-flyer system.

TAP INTO MOBILE APPS

With parents and community members increasingly on the go, it is important that districts provide information in a format that works well on the latest mobile devices. The CNYRIC collaborates with **SchoolMessenger** and **ParentLink** to create custom mobile apps for districts. The apps are free for community members to download for **Apple iOS** and **Android** devices.

GROW AWARENESS WITH E-NEWS

Strengthen community relations and increase awareness through the production and distribution of district **e-news**. We'll work with district personnel to build a framework for sustainable content creation and help implement best practices to ensure success.

e-Communications

SOCIAL MEDIA IN SCHOOL DISTRICTS

Our **Social Media** support provides school leaders with the tools to build a successful online district presence. The CNYRIC will guide school leaders toward easily and safely engaging with their school community.

DISPLAY SCHOOL NEWS WITH DIGITAL SIGNAGE

Our **Digital Signage** service supports mounted, digital displays that showcase school district events, news, social media, and more. The platform is 100 percent **cloud-based** and requires no district server equipment. Display presentations are created by the CNYRIC, and content is uploaded dynamically from a variety of sources.

EMERGENCY COMMUNICATION

Quickly communicate important information with parents via **SchoolMessenger Complete**, a parent-notification service for voice, text, email and social media messages. The service offers fast calling speeds with no restriction on call length. Messages can be sent to home, work, mobile devices, email and SMS text messages.



#littleRIC TIP

Create a district hashtag (e.g., #bluedevils, #asdpride) to brand your school, tell stories, and increase engagement.

Contact Us | e-Communications

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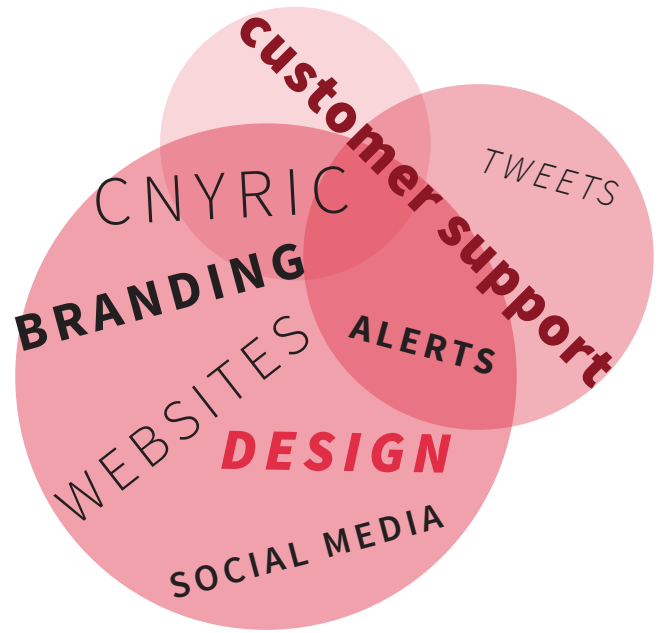
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Danica Kaltaler

Public Information Specialist
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dkaltaler@cnyric.org



Digital Signage Spotlight

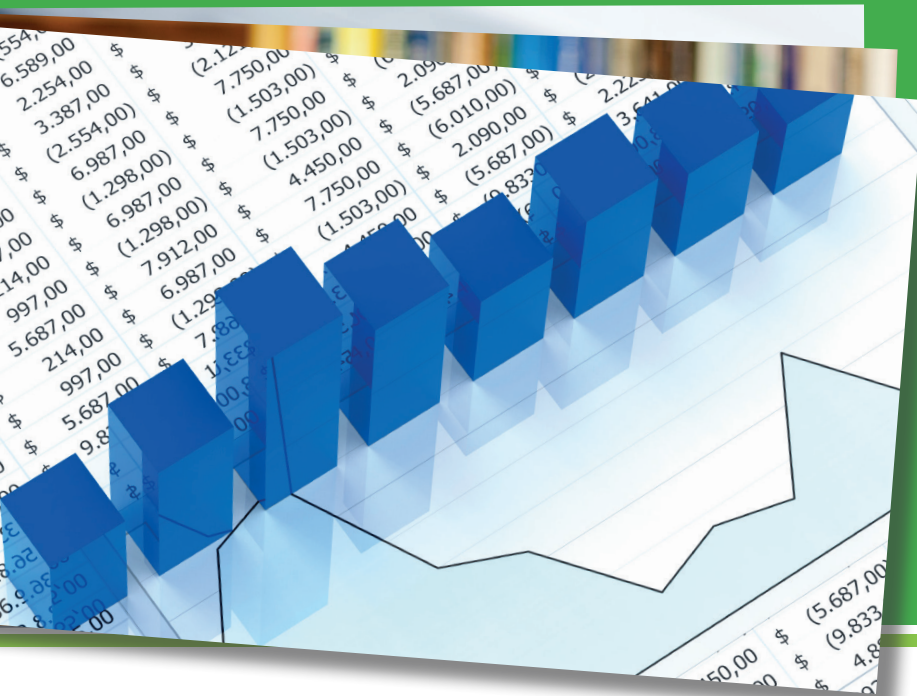
"We post our morning announcements, athletics information, and photo slideshows on our digital signage. Students enjoy seeing their pictures and the staff like that the information is easy to update so that it remains current and meaningful. Parents and visitors also like seeing what's happening in our school when they walk into our building."

Andrew Dutcher

Middle/High School Librarian
Dryden Central School District



FINANCIAL SERVICES



What's New?

The CNYRIC successfully completed Finance Manager upgrades to nVision, the next generation of Finance Manager, for four school districts during the 2014-2015 school year. Five districts are scheduled to be upgraded during the 2015-2016 school year. nVision allows increased flexibility and provides more functionality. If your district is interested in the software upgrade, please contact Virginia Jacob, Manager of Financial Services, at gjacob@cnyric.org or 315-433-8363.

2015-2016

We Help Run the Business Side of Education

FINANCE MANAGER

Finance Manager is a fully integrated financial management software package created for NYS school districts. The district databases are stored and maintained on servers located at the CNYRIC. **Finance Manager** offers a base package which includes:

- Accounting
 - Budget
 - GASB 34 Reporting
 - Human Resources
 - Negotiations
 - Payroll
- Additional modules include:*
- Bidding
 - Requisitions
 - Receivables
 - Timepiece

INFINITE VISIONS

Infinite Visions is a financial management software package used nationally for municipalities and school districts. The district databases are stored and maintained on servers located at the CNYRIC.

Infinite Visions offers the following modules:

- Accounts Receivable
- e-Shopping
- Fixed Assets
- General Ledger
- Human Resources
- Payroll
- Purchasing & Payables
- WebSense

WINCAP

WINCAP is a fully integrated financial management software package created for NYS BOCES and school districts. The district databases are stored and maintained on servers located at the CNYRIC. **WINCAP** modules include:

- Accounting
- Attendance
- Bidding
- Employee Benefits
- Other HR
- Enhanced Reporting
- Payroll

WinCapWeb contains web based modules that are fully integrated with the non-web based modules allowing information to flow easily and on a timely basis. The WinCapWeb modules are Professional Development, Employee Self Service and Time & Attendance.



FOR MORE INFORMATION: GO TO CNYRIC.ORG

Training & Support

USER-FOCUSED SUPPORT

Every new user receives training specific to their duties within the district. The **Financial Team** is also available to provide training throughout the year, whether it be for a new module, a new task or new functionality within the system.

Training is provided in the following ways:

- **In District**
- **At CNYRIC**
- **Individually**
- **Classroom**
- **Phone with Shadowing Tools**

Our training documentation is developed with the customer in mind and can be user-specific.

FINANCIAL PRINTING

When a district utilizes one of the financial management software packages, they have the option of printing payroll checks, payroll advices, accounts payable checks, purchase orders and reports at the CNYRIC. Districts also have the option of having the CNYRIC print their annual W2s and/or 1099s. The payroll checks, payroll advices and accounts payable checks can optionally be stuffed and sealed into envelopes.

USER GROUP MEETINGS

User Group meetings are provided for our financial software packages. The Calendar and Fiscal Year End meetings provide instruction and guidance for required “once a year” processes. Semi-annual User Group meetings are also provided for user-generated topics.

Contact Us | Financial Services

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Manager of Financial Services

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Susan Ackley

Systems Consultant

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Financial Facts at a Glance:

47: Number of districts supported

25,500: W2s printed for 38 districts

290,000: Payroll checks and advices printed



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FOOD SERVICES



What's New?

New to Food Services for the 2015 - 2016 school year, we are now offering and supporting **vending machines** that serve **full meals** for breakfast and/or lunch! Give us a call to find out more.

2015-2016

We Help Districts Manage Point of Sale Systems

FOOD SERVICES OVERVIEW

Our primary objective is to remove the technology and administrative burdens from a school district's food service program. We accomplish this by providing integrated hardware and software solutions specifically tailored to the K-12 food service environment. We then complement that with customized support, hardware and software maintenance, ongoing training, user groups, and comprehensive end and start of year processes as required by the vendor and state.



NUTRIKIDS & WEBSMARTT

NUTRIkids and WebSMARTT are both integrated food service management software solutions that provide modules for **Free & Reduced Meal Application processing, Verification, and Point of Sale (POS)**. The POS module is customized to a customer's unique requirements and utilizes POS terminals in conjunction with input devices such as pin pads and bar code scanners to maintain accountability and compliance with State and Federal regulations.

NUTRIkids and WebSMARTT optionally offer an integrated and secure online prepayment service so that parents are able to add money to their child's account using a credit or debit card and can view the current balance and transaction history.

Training & Support

ON-SITE & REMOTE SUPPORT

Every new customer receives **task-specific training** covering the new food service hardware and software. When the system goes live, our team provides on-site support as meals are served. Remote training can also be conducted.

- **Technical Support:** We are able to remotely take control of hardware within district to provide immediate assistance.
- **Hardware Support:** We have equipment available to keep food services running; replacement hardware is available within 24 hours.
- **Software Maintenance:** We update products whenever a new release is available.



User Groups Meetings:

We prepare and host regional user group meetings three times per year:

1. **September:** Student verification process, NYSED reporting, & direct certification matching tool usage
2. **February:** Address year-to-date issues
3. **May:** End of the year preparations & start of the year activities

Contact Us | Food Services

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Project Manager

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Donna Toscano

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#littleRIC TIP

Read all about it! The Food Services team distributes a regular e-newsletter. Contact Steven Tryon at stryon@cnyric.org to subscribe.

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INSTRUCTIONAL TECHNOLOGY



What's New?

The CNYRIC now offers enhanced support for robotics and coding in the classroom. Crafted within the CNYRIC's Model Schools Program, the new pilot service aims to elevate districts' computer science offerings for elementary students. Participating districts receive access to a variety of robotic devices including Spheros, Dash & Dots, Kibos, and Cubelets, as well as on-site instructional technology support. To learn more, please go to itd.cnyric.org or contact Model Schools Coordinator Rob Leo at rleo@cnyric.org.

2015-2016

We Help Districts Transform Teaching Practices

MODEL SCHOOLS

The **Model Schools** program offers instructional technology integration strategies to support the goal of transforming teaching to meet the needs of 21st century learners. Program highlights include:

- **100+ professional development opportunities**
- **Online Courses**
- **Face-to-Face Workshops**
- **User Groups**

All professional development is provided at no additional charge for districts enrolled in **Model Schools** at OCMBOCES.

Additionally, the CNYRIC's growing team of talented instructional technology specialists provide a wide range of embedded professional development support. Popular topics include flipped classroom integration, BYOD strategies, social media, Google Drive hands-on education, and more.

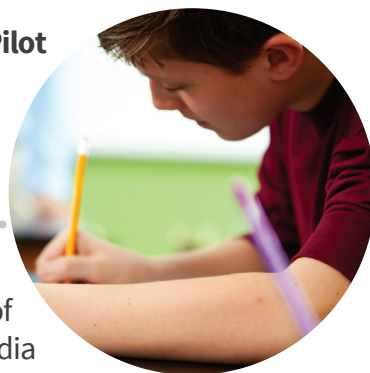
BYOD

If your goal is to put mobile technology in the hands of students and teachers, whether through a BYOD or district-owned model, the CNYRIC has the resources to get you there.

- **Mobile Learning Cart Pilot Projects**

mediaCONNECT

mediaCONNECT is an impressive collection of streamed and physical media from content providers such as **Discovery Education**, **Learn 360**, **NBC Learn K-12**, **Soundzabound** and **VITAL NY**. **mediaCONNECT** resources are aligned to the **Common Core Learning Standards**.



Training & Support

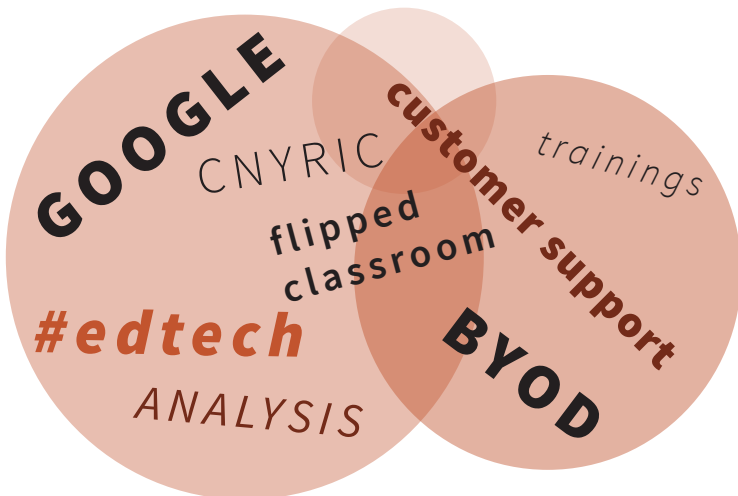
WORKSHOPS & USER GROUPS

We offer more than 100 professional development opportunities annually. Topics for the 2015-2016 school year include:

- **Cloud Tools**
- **Social Media**
- **Flipped Classroom**
- **Google Apps**
- **iPad Integration**
- **Robotics and Coding**
- **Interactive Whiteboards**

AMERICAN SIGN LANGUAGE (ASL)

ASL classes are delivered to high school students through videoconferencing. We offer levels I, II and III. ASL can be used to satisfy the NYS foreign language requirement.



Contact Us | ITD Services

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Model Schools Coordinator
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Amy Spath

E-Learning/Special Proj.
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Save the Dates:

When: Oct. 8, 2015 and
March 3, 2016

What: Google Apps for
Education (GAPE)
Leadership Forum

When: Oct. 21, 2015

What: Uncommon
Leadership in
These Uncertain
Times

Interested?

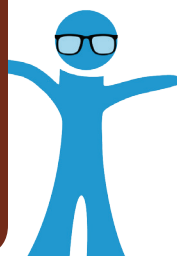
Go to
itd.cnyric.org for details.

Service Spotlight

“ESM had six members of the ITD team assist on our two Superintendent’s Conference days in September. The team was great! Our staff loved working with them and found them knowledgeable, friendly and able to apply the lessons to real classroom situations. Our feedback survey consistently mentioned the ITD staff by name and commented on the effectiveness of their workshops. We have subscribed to the PD service for this year and look forward to continued high quality collaboration!”

Kieran O’Conner

Executive Director of Planning, Development
and Technology
East Syracuse Minoa Central Schools



#littleRIC TIP

For more information
on upcoming ITD
events, check out
@CNYRIC on twitter for
news and tech tips!

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PRINTING & GRAPHIC DESIGN



By the Numbers

70 million instructional copies produced by the print shop, annually.

1-2 days is the average turnaround time for print jobs received via our online ordering system, WebCRD.

1,322 prints produced, per minute, by our high speed equipment.

2015-2016

Full Service Design & Printing at the CNYRIC

DESIGN & PRINT OVERVIEW

Our **state of the art printing facility** produces over 70 million copies every year. We produce a wide variety of work from classroom worksheets to district newsletters. Using high speed digital equipment and an online ordering system, we are able to produce student agenda books, school calendars, brochures, business cards, envelopes, letterhead and much more. We operate 14 hours per day and ship all work via the OCM BOCES courier



GRAPHIC DESIGN

Our on-site **graphic design team** can customize any publication to district specifications, including logos. We offer design and printing of business cards, letterhead, envelopes, posters, customized glossy folders and forms, classroom handouts, agenda books, newsletters, budget mailings, and more.

ONLINE ORDERING VIA WEB CRD

For quick, efficient production, we offer **WebCRD**, an online printing tool that allows users to upload their files to us for duplication. Teachers and administrators can work from home or school and quickly upload print jobs for processing. Finishing options can be set at time of submission. Our turnaround time for printing is 1-2 days, and our courier service then delivers the finished product to your district.

FOR MORE INFORMATION: GO TO CNYRIC.ORG

In-District Printing

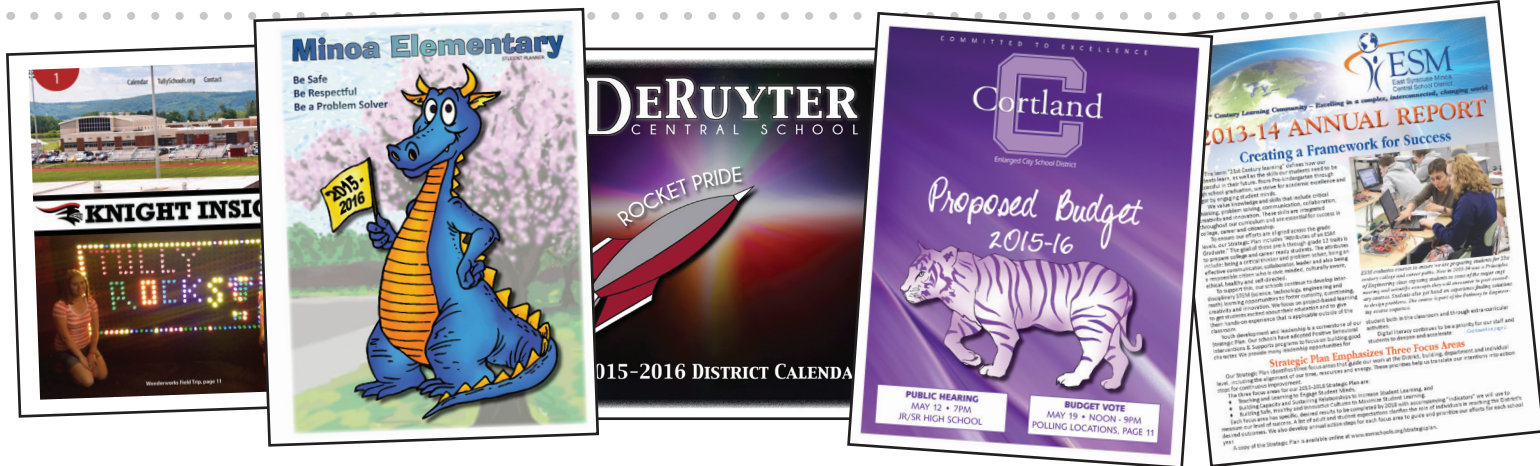
DIGITAL PRINTING LEASES

Our Digital Printing service includes district based printer/copiers in an all-inclusive managed service including equipment leases, supplies, full maintenance, billing reconciliation and support. There are currently more than 850 devices placed in the region. A single point of contact is the clearing house for service calls, problem escalation, and ordering supplies.

CONSOLIDATED PRINTING CRATES COST SAVINGS

Under a consolidated arrangement, districts no longer have to operate a print shop; all expenses including personnel, equipment and supplies are accounted for in one annual fee. Work may be submitted electronically through the online WebCRD service, or shipped via courier to our location. All finished work returns to the district labeled and ready for distribution the same week it is received. Our cost-effective consolidated service offers expanded products and hours, with the convenience of a local print shop. Districts benefit from our volume purchases of equipment and materials, and the savings show when compared to running a stand-alone print shop or outsourcing to commercial printers.

PRINT SHOP EXAMPLES



Contact Us | Printing/Design

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Rick Dillon
Assistant Director/CNYRIC
(315) 433-8337
rdillon@cnyric.org



HOURS

7:30 AM – 10 PM
Monday - Friday

#littleRIC TIP

We have a staff of nearly 20 team members spread across our printing facility at the CNYRIC and our shared satellite facilities in local districts.



STUDENT SERVICES



What's New?

SchoolTool Premier improves districts' ability to analyze data by providing easy-to-use dashboards that give both technical and non-technical users the ability to filter and link key educational data; data dashboards allow users to view multiple and cross-sectional data elements.

Naviance Achieveworks' assessments support a personalized learning approach, working together to provide districts with a comprehensive profile of each student's strengths and challenges.

2015-2016

We Help Districts Manage Student Information

SCHOOLTOOL



schooltool™

The **SchoolTool Premier Dashboard Suite** provides users with a way to view data and analyze trends. Each dashboard includes a base selection of data filters that can be easily modified and configured with additional custom data filters to find specific sets of students. Users will be able to quickly navigate through any dashboard and obtain desired information. Once a trend is identified, **SchoolTool Premier** provides access to drill down to the actual students that are included in that data set. Dashboards contain a number of interactive charts, including bar graphs, line graphs, pie charts and tables that can show one or multiple ranges of data. Each chart can easily be exported to spreadsheets, documents or PDFs for distribution.

NAVIANCE

Naviance is a college and career readiness platform that helps connect academic achievement to post-secondary goals. As a comprehensive college and career readiness solution, Naviance provides schools and districts with the information they need to help students prepare for life after high school.

It also allows students to create a plan for their futures by helping them discover their individual strengths as well as learning styles and explore college and career options based on their results.



Student Services

SPECIAL EDUCATION & MEDICAID DATA MANAGEMENT

Student Services provides training and supports the **IEPDirect** and **MedicaidDirect** systems for the management of data for students with disabilities. **IEPDirect** can be integrated with all major student management systems so that the most up-to-date student biographical information is available to the Special Education office. The newest service related to **IEPDirect** and **MedicaidDirect** is the Centris Document Repository and Fax Direct allows districts to store, manage and access documents electronically. This service is a great way to create and store electronic images of documents in those cases when a scanner is not available.

SCHEDULE GALAXY

Schedule Galaxy is an on-line application provided by our Student Services team that allows school districts to manage athletic contest scheduling with greater ease and efficiency than traditional products. Integrated with data extracted from **Student Management Systems**, the application also provides a vehicle to monitor information on student participation, injuries and coaching certifications. Application hosting, training and level 1 support are provided as part of the service. This application is advertisement free and in its first full year of use. **Schedule Galaxy** was used by 47 districts in New York State in 2015.

REPORT PRINTING

We offer assistance with printing report cards (print, fold and stuff). Plus, elementary report cards can be printed in color, folded and stapled. Student Services also provides assistance with creating customized letters, reports and labels to meet each district's unique needs.

Contact Us | Student Services

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Manager
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CNYRIC Help Desk
(315) 433-8345

Check out the
Student Services
website at
cnyric.org for
application specific
support contacts.

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 /cnyric

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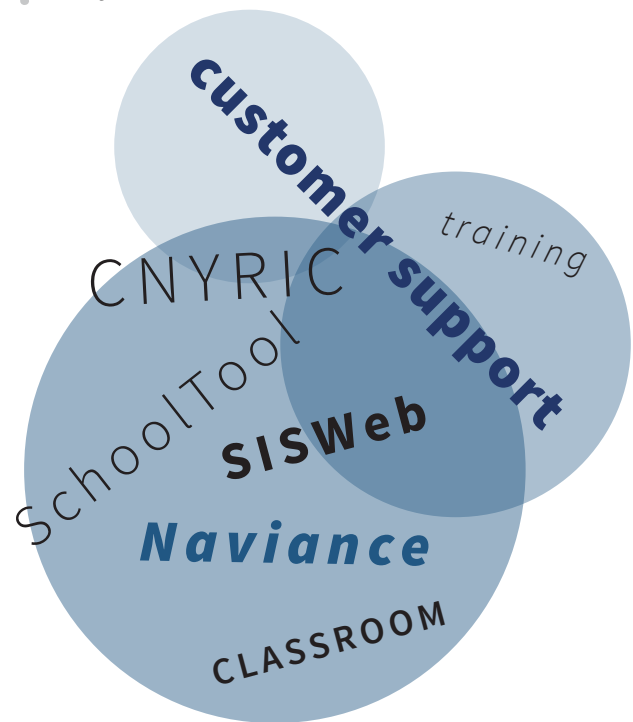
 LinkedIn

Service Spotlight

"From career exploration to college planning, Naviance has transformed the way we work with students and families. Our conversations are at a higher level because of the vast amount of information already at our fingertips in each student's Naviance account. We can communicate with students and parents quickly and efficiently about upcoming events, programs and deadlines, and finally, the ability to submit applications electronically has saved valuable time and money."

Heidi Green

Director of Counseling Services
Fayetteville-Manlius CSD



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VOICE & NETWORK SERVICES



What's New?

1 The CNYRIC continues to make WAN upgrades to districts, increasing from 100Mb to 1G dedicated bandwidth to the CNYRIC. Participating districts also receive an upgrade to 100Mb dedicated Internet bandwidth as part of the base service.

2 CNYRIC engineers have completed the self-healing 10G WAN Ring. There is now a redundant 10G connection from the CNYRIC to CiTi, Cayuga and TST BOCES using diverse fiber paths that utilize two separate fiber carriers.

2015-2016

Full Service Design & Printing at the CNYRIC

LOCAL AREA NETWORK (LAN)

The CNYRIC provides **Local Area Network (LAN)** design, installation, and Network support. The CNYRIC WAN provides connectivity to a school district's main data facility, and the LAN extends Gig-E connections and network services out to all other buildings. A complete intra-building data/voice infrastructure via hard-wired and/or wireless connectivity can be designed as well. Our team provides data/voice/video needs assessments and cost effective solutions to our participating districts.

WIRELESS

The CNYRIC offers two options for wireless networking: **Local Wireless** or **Hosted Wireless**. CNYRIC engineers can perform a full **Wireless Site Survey** to determine coverage scenarios based on the district's needs. The **Local Wireless** design has the wireless controller located at the district which can be remotely managed.

The **Hosted Wireless** solution utilizes a shared controller located at the CNYRIC.

VOICE OVER IP

The CNYRIC offers complete **VoIP** engineering, design, and installation services. The hosted VoIP service offers districts the ability to host their phones on centralized redundant servers on the CNYRIC network, reducing the cost of additional hardware and software. The CNYRIC also offers local VoIP system engineering, design, and installation for full VoIP systems located in the district. The CNYRIC offers design, installation, and support on Cisco, Avaya VoIP systems, as well as legacy Nortel systems.

Connection the Region

WIDE AREA NETWORK (WAN)

The CNYRIC maintains a massive, state-of-the-art, private fiber-based **Wide Area Network** that reaches across the CNY region, providing a core infrastructure for high-speed dedicated connectivity for all school district and BOCES participants.

Highlights include:

- A private network, monitored 24 hours a day, seven days a week
- Dedicated access to CNYRIC applications
- Dedicated access to Internet and Internet 2 with centralized firewall and filtering services

E-RATE

The **E-rate** program, overseen by the Federal Communications Commission, exists to reduce the cost of delivering broadband Internet access to schools and libraries. Under the program, Internet access and digital transmission services are eligible for discount. Funding is requested and committed on an annual basis beginning July 1. Currently, participating CNYRIC school districts and BOCES receive discounts ranging from 40 to 90 percent. The cumulative E-rate program reimbursements for our participants total over \$3 million per year.



Internet Filtering

- Centralized Internet filter and training included with the WAN connection
- Filter can be managed by school districts to meet their policies and needs
- Phone support is available
- Complete CNYRIC administration of the filter is an optional service

Contact Us | Voice/Network

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MEDIACONNECT @ A GLANCE



Did You Know?

- 1 Middle and high school students have access to mediaCONNECT streaming resources, including royalty-free music for projects!
- 2 Users can search and reserve band, chorus, and orchestra sheet music.
- 3 The majority of our resources are Common Core aligned and can be searched by the Common Core Standards.
- 4 Learn360 offers access to Hollywood Film Clips for character education lessons.

2015-2016

Digital Media That Engages Students

mediaCONNECT

mediaCONNECT is an impressive collection of more than 250,000 streamed and physical media from content providers such as

- Discovery Education
- Soundzabound
- Learn 360
- PBS LearningMedia
- NBC Learn K-12

Our physical media collection includes DVDs, VHS tapes, audio books, photo collections, JackDaw kits and sheet music. Our mediaCONNECT resources are aligned to the Common Core Learning Standards.

SHORT VIDEOS, IMAGES, & AUDIO

Learn360 provides K-12 access to more than 73,000 streaming videos, images and audio clips. Videos are from sources such as A&E, History Channel, BBC and more. Many of the video clips are under 5 minutes. There's an Assignment & Quiz Creation Tool, too.



ROYALTY-FREE MUSIC

Soundzabound provides a wide variety of royalty-free music and audio themes that ensure copyright safety. Music can be used in presentations, digital storytelling, TV broadcasts and more!



CURRENT & HISTORICAL EVENTS

Engage students with authentic **news footage** through **NBC LEARN K-12**. Middle and high schools have access to over 18,000 video resources, historical footage, images, mini-documentaries, and text resources designed for use in the classroom. Content is updated daily with **current events** from around the world. The **Interactive Cue Card** media player makes downloading, annotating and citing resources easy! Elementary access to NBC LEARN is available for an additional fee.



FOR MORE INFORMATION: GO TO CNYRIC.ORG

mediaCONNECT

FULL-LENGTH VIDEOS, QUIZ BUILDER

Middle and high schools have access to more than 10,000 full-length videos, divided into nearly 75,000 content-specific video segments, through Discover Education Streaming. Many videos can be downloaded to use in presentations and interactive whiteboard lessons. An Assignment Builder and Quiz Builder are included for assessing students. Elementary access available for an additional fee.



Training & Support

Contact Amy Spath at aspath@cnyric.org to arrange for a mediaCONNECT presentation at a faculty meeting, Professional Development Day, or content / grade level specific meeting.

Service Spotlight

"mediaCONNECT is an invaluable resource for teachers to find royalty-free music to use in presentations, borrow audio books, DVDs, photo collections, etc. Also the videos can supplement curriculum and make connections to the real world for students."

Dennis O'Rourke

Onondaga Central School District



Contact Us | mediaCONNECT

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flickr

LinkedIn

Get Started Today!

1. **Visit:** <http://mediaconnect.cnyric.org>
2. **Username:** Your school email address
3. **Password:** boces
4. **Explore:** 250,000+ digital media resources
5. **Share:** Enrich instruction with great content

