







# BOARDS OF COOPERATIVE EDUCATIONAL SERVICES **REGIONAL TECHNOLOGY PLAN** 5-YEAR PLAN FOR TECHNOLOGY SERVICES



SOUTH CENTRAL RIC REGION: 2023-2028 PLAN LAST UPDATED: NOVEMBER 20, 2022



SOUTH CENTRAL RIC 2023-2028 REGIONAL 793 PLAN

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# INTRODUCTION

#### **PURPOSE OF THIS PLAN**

Boards of Cooperative Educational Services (BOCES) are required by law and regulations to prepare a regional plan for providing technology services in the supervisory district. Plans must address requirements outlined in Education Law 1950(4)(c) and the related Part 115.1 of the Commissioner's Regulations. In the South Central Regional Information Center (SCRIC) region, the SCRIC, under the direction of the District Superintendents, is responsible for facilitating planning processes and plan development for the three BOCES within this service region.

#### PLAN LEADERSHIP

Ms. Christine Choi, Director South Central Regional Information Center

Ms. Rebecca Stone, CEO & District Superintendent Broome-Tioga BOCES

Dr. Jeffrey Matteson, Interim District Superintendent Delaware-Chenango-Madison-Otsego BOCES

Dr. Catherine Huber, District Superintendent Otsego-Northern Catskills BOCES

#### **SCRIC REGION**

The SCRIC region includes 50 school districts and 3 BOCES:

- Broome-Tioga BOCES
- Delaware-Chenango-Madison-Otsego BOCES
- Otsego-Northern Catskills BOCES





BROOME-TIOGA BOCES REGION 15 DISTRICTS



DELAWARE-CHENANGO-MADISON-OTSEGO BOCES REGION 16 DISTRICTS



OTSEGO-NORTHERN CATSKILLS BOCES REGION 19 DISTRICTS



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#### SECTION ONE REGIONAL TECHNOLOGY PLANNING PROCESS

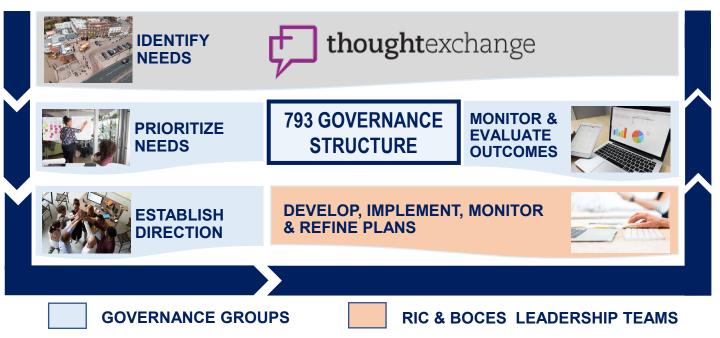
#### PLAN OVERVIEW

This plan focuses on our shared goal to *deliver a better experience and more value to districts through unified and coordinated service offerings*.

To help achieve this goal, SCRIC leadership in conjunction with the 3 BOCES District Superintendents reimagined the regional technology governance structure. Starting with the shared goal, a regional needs assessment was conducted in February 2021, results were analyzed and prioritized, and direction was established. More information about the governance structure is described in the information that follows in this section.

#### **REGIONAL GOVERNANCE OVERVIEW**

The 3 BOCES region served by the South Central Regional Information Center **uses a collaborative governance structure to prioritize needs, make decisions, and monitor progress related to technology and data**. There are four governance groups that comprise the Regional Technology Advisory Group (RTAG). The diagram below highlights how the governance structure supports our 53 educational agencies in optimizing resources and addressing strategic priorities.



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#### SECTION ONE REGIONAL TECHNOLOGY PLANNING PROCESS

#### **REGIONAL LANDSCAPE - OPPORTUNITIES AND CHALLENGES**

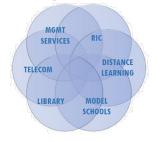
Understanding the regional landscape opportunities and challenges is essential to ensure the plan meets the needs of school districts and BOCES. Our shared goal anchors our work to address the regional challenges as districts want technology to work.

The regional challenge is having the technology work seamlessly as everything is connected to everything and when districts purchase services it is transcending traditional Co-Ser boundaries.

#### **EVERYTHING IS CONNECTED TO EVERYTHING**



#### TECHNOLOGY TRANSCENDS TRADITIONAL CO-SER BOUNDARIES



An example of this is when a district purchases a technology-dependent service. It may be confusing to get the service up and running depending on who is responsible for which component for it to work seamlessly. Our regional challenge and opportunity are to continue to coordinate with each other to help deliver a seamless experience.

# Example - Who does what?

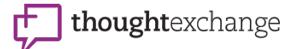


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#### SECTION ONE REGIONAL TECHNOLOGY PLANNING PROCESS

#### **REGIONAL NEEDS ASSESSMENT**

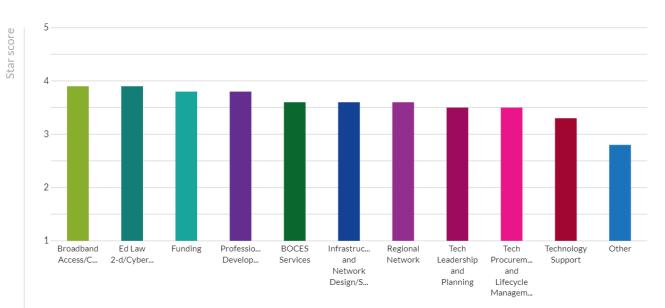
In February 2021, a regional ThoughtExchange was launched to solicit district feedback from district and building leaders about technology needs and supports (question and participation shown below).



In your school district and/or our region, what technology needs and supports do you anticipate over the next 24 months?



The feedback received provided the following themes, which were used to inform the regional priority areas.



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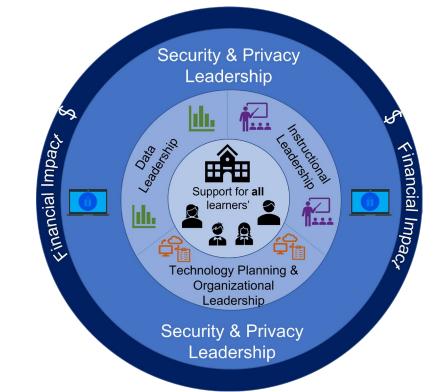
#### SECTION ONE REGIONAL TECHNOLOGY PLANNING PROCESS

#### **REGIONAL GOVERNANCE PRIORITY AREAS**

**PRIORITY AREAS** 

Leveraging the information from the Needs Assessment conducted in February 2021, four priority areas were identified. More information about the priority areas is provided below.

The image below guides our regional governance. At the core, support for all learners guides the 793 Plan development. The four priority areas (Security & Privacy Leadership, Data Leadership, Instructional Leadership, Technology Planning & Organizational Leadership) work together to support all learners. Framing the outside is the consideration of the financial impact decisions will have on all stakeholders.



In February 2022, Gartner analysts joined the RTAG Regional Board meeting to share the 2022 Trends in K-12. The information shared was used to confirm our priority areas as our "big" topics. We agreed the focus areas under each priority area would be responsive to our changing needs. More information about the priority and focus areas is shared in Section 2.

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#### SECTION ONE

# REGIONAL TECHNOLOGY PLANNING PROCESS

#### **REGIONAL GOVERNANCE MEMBERSHIP AND STRUCTURE**

#### **RTAG EXECUTIVE BOARD**

- Guides the overall planning process and needs assessment
- Establish and monitor regional goals
- Advises on major issues and/or initiatives
- (3) BOCES DS's, (1) DSappointed member from each region, RIC Director, RIC Asst Director(s)
- Meets 2-3 times per year and as needed

- The **RTAG Executive Board** (Regional Technology Advisory Group Executive Board) is made up of the **three BOCES District Superintendents**, **1-2 Component School District Superintendents from** *each BOCES region* (appointed by each BOCES District Superintendent), and the RIC Director and RIC Deputy Director and Assistant Director.
- The RIC Director facilitates the meetings, under the direction of the District Superintendent responsible for the RIC.
- RTAG Executive Board members are responsible for representing their respective BOCES region and the larger 53district region. SCRIC leaders prepare resources to support decision-making.

#### **REGIONAL BOARD (RTAG)**

- Guide the development and implementation of regional technology plan and goals
- Strengthen regional collaboration
- Shares information across stakeholder groups
- (3) BOCES DS's, (1-2) DS-appointed component district superintendent(s), 1 DS-appointed member from stakeholder groups (financial, instructional, technology), BOCES services representatives, RIC Director, RIC Assistant Director(s)
- Meets 3-4 times per year and as needed

- The **RTAG Regional Board** (Regional Technology Advisory Group Regional Board) is made up of the **RTAG Executive Board members, BOCES Services Leaders, and 1 Component School District representative from each BOCES region for the following stakeholder groups financial, instructional, technology** (appointed by each BOCES District Superintendent).
- The RIC Director facilitates the meetings under the direction of the District Superintendent responsible for the RIC.
- **RTAG Regional Board** members are responsible for representing their respective BOCES region and the larger 53-district region. SCRIC and BOCES leaders prepare resources to support decision-making.
  - **RTAG Regional Board** members are responsible for sharing information with their representative stakeholder groups.

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# SECTION ONE

# **REGIONAL TECHNOLOGY PLANNING PROCESS**

#### ADVISORY GROUP(S)

- Advises on specific initiative/goal, topic, or service
- **Reports progress to Regional** Board
- Membership/participation based on topic or service
- Meeting frequency established by Advisory Group

- The **RTAG Advisory Groups** (Regional Technology • Advisory Groups) are made up of the RTAG Regional Board members and additional members as needed based on the topic or service. Ad Hoc RTAG Advisory Subgroups are formed when needed to support the implementation of the priority areas.
- RTAG Advisory Group members of the RIC and BOCES • Leadership Teams facilitate the meetings under the direction of the 3 BOCES District Superintendents.
- RTAG Advisory Group members are responsible for • representing their respective BOCES region and the larger 53-district region. SCRIC and BOCES leaders and support team members prepare resources to support decisionmaking.

#### **USER GROUPS**

- Learn about new system features/enhancements
- Interact with vendor
- Provides feedback on desirable features or functions
- Share knowledge with other users
- Participants include users of specific software within an existing service
- Meets 1-2 times per year and as needed

- The User Groups include primary contacts and users of services.
- User Group meetings are held 1-2 times per year and as • needed.
- Each **User Group** meeting features information about new system features/enhancements, provides the opportunity to interact with vendors, allows for sharing feedback on desirable features or functions, and sharing of information with each other.
- BOCES or SCRIC Service Coordinator(s) and support • team members facilitate the User Group meetings.
- **User Group** attendees share information from the meetings • with relevant school district stakeholders.



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#### SECTION ONE

# REGIONAL TECHNOLOGY PLANNING PROCESS

# FUTURE REGIONAL NEEDS ASSESSMENT & MONITORING OF THE PLAN IMPLEMENTATION

We plan to gather feedback annually to inform our work. One year will be a needs assessment and the alternate year will be a customer satisfaction/service satisfaction assessment. This ensures an opportunity for the advisory groups to have time to work on addressing the identified needs assessment. The customer service/service satisfaction assessment is to ensure the quality of services, as well as the alignment of services to meet regional needs. Annually the RTAG Executive Board and RTAG Regional Board will hear from industry research experts about K-12 IT trends which will also help inform the RTAG Advisory Groups focus areas. Survey data from reputable sources will also be shared with the RTAG Regional Board. Below are the draft schedule and agenda topics for the RTAG Executive Board.

# RTAG EXECUTIVE BOARD DRAFT SCHEDULE & AGENDAS

November

#### Review and finalize the 793 Plan Review draft needs assessment question and communications **RTAG EXECUTIVE BOARD** OR · Review draft customer satisfaction questions(s) and communications Guides the overall planning process and needs assessment Establish and monitor regional December goals Finalize needs assessment question and communications . Advises on major issues and/or OR initiatives Review customer satisfaction questions(s) and communications Advise on major initiatives/issues/emerging needs (as needed) (3) BOCES DS's, (1) DSappointed member from each region, RIC Director, RIC Asst Director(s) February/March Review needs assessment data to finalize priorities Meets 2-3 times per year and as OR needed Review customer satisfaction data to finalize priorities

- K-12 IT Trends (speaker/consultant)
- Advise on major initiatives/issues/emerging needs (as needed)

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#### SECTION ONE **REGIONAL TECHNOLOGY PLANNING PROCESS**

Below are the draft schedule and agenda topics for the RTAG Regional Board.

# <u>REGIONAL BOARD (RTAG)</u> **DRAFT SCHEDULE & AGENDAS**

#### **REGIONAL BOARD (RTAG)**

- Guide the development and implementation of regional technology plan and goals
- Strengthen regional collaboration Shares information across stakeholder
- groups
- (3) BOCES DS's, (1-2) DS-appointed component district superintendent(s), 1 DS-appointed member from stakeholder groups (financial, instructional, technology), BOCES services representatives, RIC Director, RIC Assistant Director(s)

Meets 3-4 times per year and as needed



#### October

- Share advisory group updates and share with stakeholders' info
- Review BOCES professional learning needs assessment data and link to Regional Board (RTAG) work – promote session offerings/services
- Review district technology plan goals data (region and individual BOCES) and link to Regional Board (RTAG) work

#### January

Review needs assessment survey and communications plan/help promote

#### OR

- Review customer satisfaction survey and communications plan/help promote
- Share advisory group updates and share with stakeholders' info
- Share highlights of 793 plan



#### March/April

- Review needs assessment survey data OR
- Review customer satisfaction survey data
- K-12 IT Trends (speaker/consultant)
- Finalize advisory group updates/changes based on survey data results
- Share advisory group updates and share with stakeholders' info

#### June

- Share advisory group updates and share with stakeholders' info
- Horizon report/Project Tomorrow report/CoSN State of IT Leadership report (trend data)
- Select/Revise advisory group membership

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**REGIONAL TECHNOLOGY PLANNING PROCESS** 

#### PLANNING PROCESS SUMMARY

		IDENTIFY NEEDS			ly survey superinten ilding leaders.	dents, district,		
		PRIORITIZI NEEDS	E	Organize survey results into four RTAG priority areas.				
		ESTABLISI DIRECTION		Review survey data with RTAG Executive Board to establish focus areas aligned to four priority areas.				
		DEVELOP PLANS		RIC and BOCES Leadership Teams review focus areas for each priority area and share plans with the RTAG Regional Board.				
		IMPLEMEN MONITOR, REFINE PL	&	RIC and BOCES Leadership Teams meet with their RTAG Advisory Group to implement the focus area plans. As needed, advisement for major issues/initiatives is provided by the RTAG Executive Board.				
		MONITOR & EVALUATE OUTCOMES		Review the progress of the focus area plans with the RTAG Regional Board and relevant research to inform plans.				
BENEFITS OF THE GOVERNANCE STRUCTURE								
STRATEGIC ALIGNMENT		RISK AGEMENT		RY	RESOURCE OPTIMIZATION	PERFORMANCE MEASUREMENT		

Services and regional investments are aligned with state. regional, and local strategic objectives.

Risks are understood and addressed to minimize impact and optimize opportunities.

Technology and data investments and initiatives deliver their expected benefits.

Resources (people, financial, time) are allocated to optimize regional benefits.

Technology and data investments are monitored and used to determine future action.

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#### 2 SECTION TWO CURRENT CONTEXT

#### PLAN SCOPE

The diagram below shows the ongoing scope of the regional technology plan. There are four priority areas (Security & Privacy Leadership, Data Leadership, Technology Planning & Organizational Leadership, and Instructional Leadership). Each priority area has a goal, advisory group name, and focus areas (needs). The priority and focus areas are aligned to the regional ThoughtExchange data and informed by the K-12 IT Trends presentation shared by Gartner in February 2022.

SECURITY & PRIVACY LEADERSHIP	Identify and support opportunities for enhancing regional and district security posture.				
	REGIONAL CYBERSECURITY ADVISORY GROUP				
	Regional Network	Stakeholder Education			
DATA LEADERSHIP	Develop, maintain, and modernize the data ecosystem to corregional resources that promote data-rich conversations				
	REGIONAL DATA LEADERSHIP ADVISORY GROUP				
	Regional Resources & Sessions	Regional Data Standards			
TECH PLANNING & ORGANIZATIONAL		chnology ecosystems that support regional and district IT strategic plans.			
LEADERSHIP	REGIONAL TECH PLANNING & ORG LEADERSHIP ADVISORY GROUP				
Ċ ta	Vendor Management	Broadband Access			
INSTRUCTIONAL LEADERSHIP	Enhance teaching and learning in the region and in districts using technology tools and collaboration.				
	REGIONAL INSTRUCTIONAL LEADERSHIP ADVISORY GROUP				
	Regional Collaboration	Regional Sessions			



NEW PRIORITIES & FOCUS AREAS (NEEDS)

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#### SECTION TWO CURRENT CONTEXT

The diagram below provides more details about the current context. Under the Current Environment column, opportunities and challenges are identified.



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#### SECTION THREE 5-YEAR REGIONAL TECHNOLOGY PLAN

The goals and two-year objectives for the Security & Privacy Leadership priority area are shown below. Metrics are noted to explain how the goals will be measured.

	SECURITY & PRIVACY LEADERSHIP           Goal: Identify & support opportunities for enhancing regional & district security posture.           TECHNOLOGY PROTECTION         INFORMATION PRIVACY				
FOCUS AREAS	OBJECTI	VES	TASKS		METRICS
THREAT		E CYBER SCAPE &	DEVELOP, TEST, & R INCIDENT RESPONSE DISASTER RECOVERY BUSINESS CONTINUIT	PLAN, PLAN, &	PLAN COMPLETION, ANNUAL TESTING, & PLA UPDATES (SHARE WITH SCRIC STAFF & KEY STAKEHOLDERS)
REGIONAL NETWORK	MAINTAIN RISI PLANS	-	ENGAGE WITH THE DEPARTMENT OF HOMELAND SECURITY TO CONDUCT A CYBERSECURITY AUDIT		IMPLEMENTATION OF AUDIT RECOMMENDATIONS
	MATURE TECH PROCEDURAL C		CONTINUE TO REVIEW & UPDATE THE NIST CSF CONTROLS FOR THE SCRIC		ANNUAL UPDATE OF TH NIST CSF CONTROLS
	UPDATE THE R TELECOMMUN SERVIC	ICATIONS	BUILD REGIONAL UNDERSTANDING OF THE REGIONAL TELECOMMUNICATIONS SERVICE & CYBERSECURITY PROTECTIONS		REVISION OF REGIONAL TELECOMMUNICATIONS SERVICE & DISTRICT UNDERSTANDING OF SERVICE DELIVERABLES
STAKEHOLDER	SUPPORT INC FOR REGIO CYBERSEC EXPERT	ONAL URITY	ENGAGE WITH SCRIC STAFF TO BUILD ROLE-BASED CYBERSECURITY UNDERSTANDING		ANNUAL UPDATE OF TH NIST CSF CONTROLS
EDUCATION	SUPPORT AGE COMPLYING W PROTECTION	ITH DATA	CONTINUE TO OFFER SUPPORT & EDUCATION TO DISTRICTS TO SUPPORT THEIR SECURITY AND PRIVACY POSTURE		REGIONAL SESSION PARTICIPATION AND ENGAGEMENT WITH DISTRICTS

**FOCUS AREA** 

**NEW FOCUS AREA** 

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#### SECTION THREE 5-YEAR REGIONAL TECHNOLOGY PLAN

The goals and two-year objectives for the Data Leadership priority area are shown below. Metrics are noted to explain how the goals will be measured.

Goal: Dev	elop, maintain, & modern	TA LEADERSHIP ize the data ecosystem te data-rich conversat		gional resources	
INFORMATION SY	'STEMS	DATA ANALYSIS		DATA MANAGEMENT	
FOCUS AREAS	OBJECTIVES	TASKS		METRICS	
	PROVIDE RELEVANT,	DEVELOP REGION RESOURC		DEVELOP & RELEASE 1-2 REGIONAL DATA RESOURCES ANNUALLY	
REGIONAL RESOURCES & SESSIONS	RICH, TIMELY, & ACTIONABLE DATA ANALYSIS RESOURCES & SESSIONS	SIMPLIFY USER A		SOLICIT USER FEEDBAC TO INFORM REDESIGN O USER ACCESS TO REGIONAL DATA RESOURCES	
	SUPPORT LEADERS IN ANALYZING DATA	DATA RESOURCES FOR DISTRICT & I	DESIGN & OFFER REGIONAL DATA RESOURCES SESSIONS FOR DISTRICT & BUILDING LEADERS		
	SUPPORT AGENCIES IN IMPLEMENTING NEW DATA SYSTEMS	SHARE DATA SYST WITH DISTRICT L	-	NUMBER OF DATA SYSTEM CONVERSIONS COMPLETED ANNUALLY	
			CONTINUE TO SHARE BEST PRACTICES INFORMATION		
REGIONAL DATA STANDARDS	SUPPORT AGENCIES IN	RELATED TO DATA SYSTEMS TIMELY SUBM		TIMELY SUBMISSION OF SIRS DATA	
	DATA MANAGEMENT BEST PRACTICES			ADOPTION OF REGIONA DATA STANDARDS	
		CONTINUE TO EXA ECOSYSTEM ENHA		TURNAROUND TIME FOF DATA SHARING & REQUESTS	

FOCUS AREA

**NEW FOCUS AREA** 

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#### SECTION THREE 5-YEAR REGIONAL TECHNOLOGY PLAN

The goals and two-year objectives for the Technology Planning & Organizational Leadership priority area are shown below. Metrics are noted to explain how the goals will be measured.

	gn technology		RGANIZATIONAL LI		
ASSET INVENTORY & M	IANAGEMENT		CONNECTIVITY		PROCUREMENT
FOCUS AREAS	OBJECT	IVES	TASKS		METRICS
	BROADBAND BROADBAND ACCESS FOR REMOTE AREAS		CONTINUE TO SHAR BROADBAND FUNI		SUBMISSION OF STUDENT DIGITAL RESOURCES DATA
BROADBAND ACCESS			OPPORTUNITIES		ACTIVITY ON THE LOCAL BROADBAND LISTSERV
	MONITOR, SHARE, & PARTICIPATE IN BROADBAND ACCESS ADVOCACY EVENTS		ATTEND BROADBAND ADVOCACY EVENTS		ATTENDANCE AT BROADBAND ADVOCACY EVENTS
	EXAMINE PRO		RESEARCH REGIONAL COOPERATIVE BID		NUMBER OF DISTRICTS LEVERAGING A REGIONAL PURCHASING MODEL
	30080	,20			AVERAGE ACTUAL COST VS. LIST PRICE
VENDOR MANAGEMENT	IMPLEMENT REGIONAL TECHNOLOGY SYSTEMS &		ADOPT & SHARE DEVICE MODEL		REDUCTION IN THE NUMBER OF DEVICE MODELS BEING PROCURED
	DEVICE N STANDA	-	REGIONAL STANDA	ARDS	REDUCTION IN THE NUMBER OF VENDORS WE ENGAGE WITH

FOCUS AREA

**NEW FOCUS AREA** 



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#### SECTION THREE 5-YEAR REGIONAL TECHNOLOGY PLAN

The goals and two-year objectives for the Instructional Leadership priority area are shown below. Metrics are noted to explain how the goals will be measured.



Goal: Enhance teaching & learning in the region & in districts using technology tools & collaboration.

TEACHING PRAC	CTICES	TEACHING 8	LEARNING TECHNOLOGY	L	EARNING EXPERIENCES	
FOCUS AREAS	OBJECT	IVES	TASKS		METRICS	
REGIONAL	PROVIDE SUPPORT FOR INSTRUCTIONAL DEVICES & SOFTWARE		IDENTIFY, DEVELOP, & OFFER REGIONAL SESSIONS		PARTICIPATION IN	
SESSIONS	PROVIDE TECHNOLOGY SUPPORT ALIGNED WITH NYSED PRIORITIES				REGIONAL PROFESSIONAL LEARNING SESSIONS (# OF COLLABORATIVE SESSIONS (BOCES & RIC),	
	SUPPORT EDU INTEGRA TECHNO	TING	IDENTIFY, DEVELOP, 8 REGIONAL SESSIO		# OF PARTICIPANTS, # OF DISTRICTS, SURVEY RESULTS (ADDRESSING PARTICIPANT FEELINGS, INCREASE IN	
REGIONAL COLLABORATION	SUPPORT A WITH VIRTUAL NEEL	LEARNING	IDENTIFY, DEVELOP, 8 REGIONAL RESOUF		KNOWLEDGE, APPLICATION, ETC.))	

FOCUS AREA

NEW FOCUS AREA

South Central SCRIC Regional Information Center

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#### SECTION FOUR PLAN VALUE

#### VALUE OF SHARED SERVICES & THE RELATED REGIONAL COLLABORATIVE PLAN

Shared services and related regional collaborative planning processes increase the buying power of districts and support educational agencies in enhancing local capacity by facilitating access to specialized and trusted technology and data experts. In addition to leveraging economies of scale, new technology services are analyzed using a cost-benefit methodology. Additionally, existing services are analyzed using a cost-effectiveness methodology.

Planning is critical to ensuring regions have access to shared service aligned with current needs. Through collaborative planning processes, existing services are modernized, and new services are developed. As the education sector generally has limited access to resources, planning supports essential prioritization of work and responsive allocation of regional resource. This planning supports continuous service improvement and effective provision of services. On page 12, information is available about the current needs and priorities. On page 14, the regional direction is defined in the form of a 5-year plan.

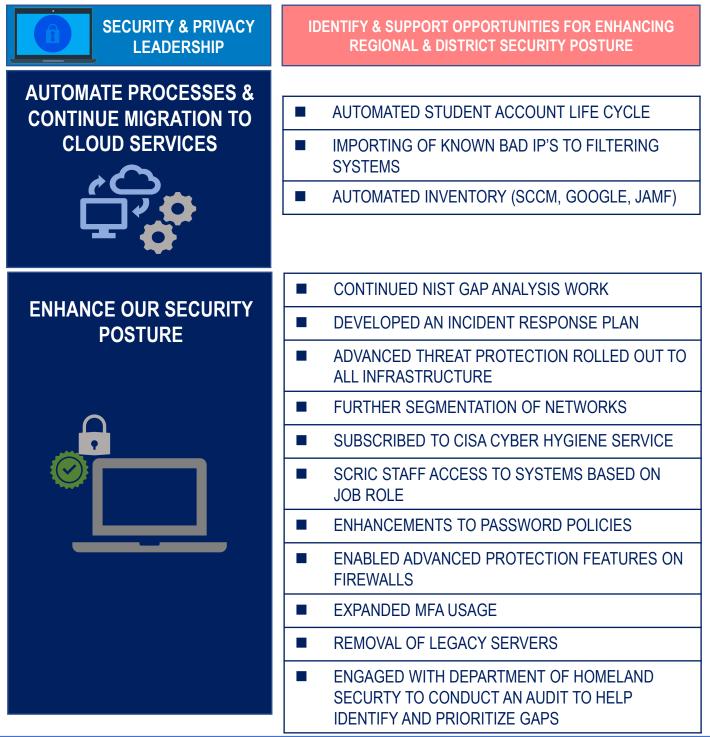
# COLLABORATIVE PLANNING SUPPORTS THE PROVISION OF SERVICES & IMPROVED SERVICE DELIVERY

	LEAD OF	IDENTIFY NEEDS	GROWING RESPONSIBILITIES	NEW COMPLIANCE REQUIREMENTS	DISRUPTIVE CHALLENGES	EVOLVING RISKS			
•	COMPETING PRIORITIES & LIMITED RESOURCES								
		PRIORITIZE NEEDS	IMPORTANCE	INTEREST	URGENCY	RESOURCES			
•	PRIORITIZATION OF WORK								
		ESTABLISH DIRECTION	REGIONAL PRIORITIES	REGIONAL PLAN	REGIONAL STANDARDS	RESOURCE ALLOCATION			
~	RESPONSIVE ALLOCATION OF REGIONAL RESOURCES								
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								
	IMPROVED OUTCOMES								
	PROTECTED DATA & SYSTEMS	DATA-INFORMED LEARNERS	Support for all learners'	ENABLIN RELIABI TECHNOL	.E	ENHANCED TEACHING & LEARNING			

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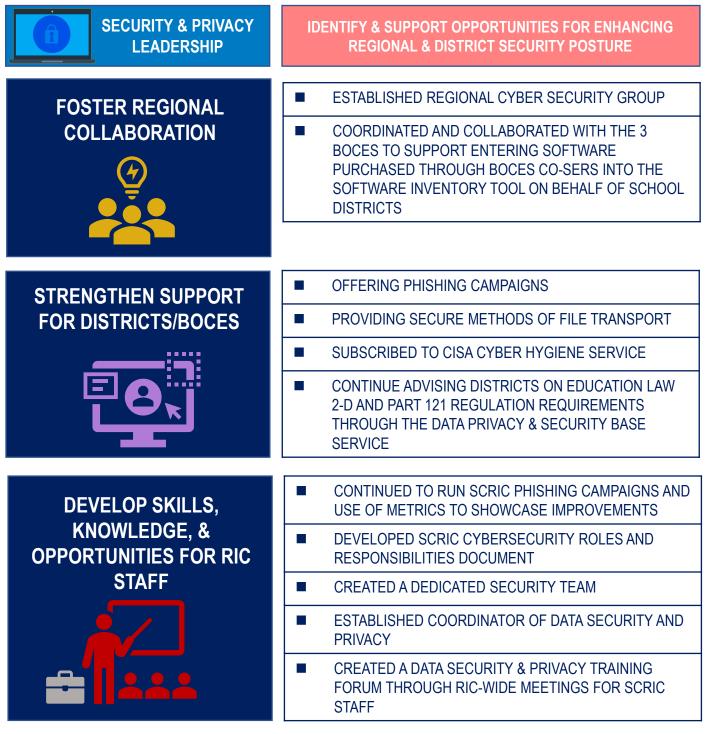
#### SECTION FIVE RESULTS FROM PREVIOUS PLAN



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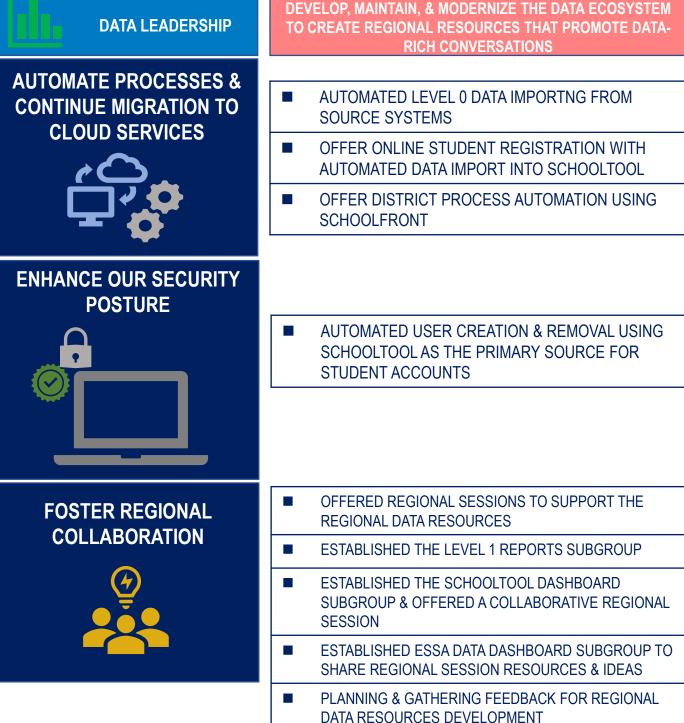
#### SECTION FIVE RESULTS FROM PREVIOUS PLAN



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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN



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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

	DEVELOP, MAINTAIN, & MODERNIZE THE DATA ECOSYSTEM TO CREATE REGIONAL RESOURCES THAT PROMOTE DATA- RICH CONVERSATIONS
STRENGTHEN SUPPORT	PUBLISHED THE REGIONAL DATA RESOURCES WEBSITE
FOR DISTRICTS/BOCES	<ul> <li>RELEASED THE REGIONAL COMPARISON DASHBOARD, DISTRICT/SCHOOL PROFICIENCY DASHBOARD &amp; ESSA DATA DASHBOARD</li> </ul>
	UPDATED THE REGIONAL DDC TRAININGS
	SHARED THE SMS LANDSCAPE FOR THE SCRIC REGION & ADVISED DISTRICTS ABOUT SUPPORT OPTIONS FOR ESCHOOLPLUS & POWERSCHOOL BEGINNING WITH THE 25-26 SCHOOL YEAR
	STARTED WORKING ON ESTABLISHING REGIONAL DATA STANDARDS
	ESTABLISHED DATA INTEGRATION SERVICE TIMELINES TO ASSIST DISTRICTS WITH PLANNING
	<ul> <li>MIGRATED 15 DISTRICTS TO THE NEWLY SUPPORTED ETRITION SERVICE</li> </ul>
	COMPLETED SIX SCHOOLTOOL MIGRATIONS





	ESTABLISHED A DATA MANAGEMENT TEAM
	ESTABLISHED A SOLUTIONS & PROJECTS TEAM
•	COLLABORATED WITH AN ADDITIONAL RIC REGION TO REVIEW DATA RESOURCES AND REVIEW THE ESSA TOOLKITS

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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

#### SOUTH CENTRAL REGIONAL INFORMATION CENTER

TOOL

THE CLOUD

TECH PLANNING & ORG LEADERSHIP

DESIGN TECHNOLOGY ECOSYSTEMS THAT SUPPORT REGIONAL AND DISTRICT IT STRATEGIC PLANS

UPDATED ITSM MOBILE APP AND WEB-BASED

PLATFORM TO STREAMLINE INVENTORY PROCESS

EXPANDED CAPABILITIES OF SCRIC AUTOMATION

MIGRATED DOCUMENT ARCHIVING SOLUTION TO

DESIGNED USER DEVICE VPN TUNNELS FOR

RESTRICTED SPECIFIC COUNTRIES FROM

COMMUNICATING WITH THE REGIONAL NETWORK

ESTABLISHED COORDINATOR OF DATA SECURITY

SECURE REMOTE ACCESS

& PRIVACY POSITION





#### ENHANCE OUR SECURITY POSTURE



FOSTER REGIONAL COLLABORATION



 COORDINATED INSTRUCTIONAL TECHNOLOGY PLANNING SESSIONS IN COLLABORATION WITH THE 3 BOCES

- COLLABORATED WITH ONC LIBRARY SERVICES TO ADD SUPPORTED APPLICATIONS TO SCRIC SSO PORTAL (MYAPPS)
- CREATED A LOCAL LISTSERV TO SHARE AWARENESS OF BROADBAND ACCESS INITIATIVES AND FUNDING SOURCES
- WORKED WITH 3 BOCES TO EXPAND STUDENT WORK-BASED LEARNING OPPORTUNITIES

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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

#### SOUTH CENTRAL REGIONAL INFORMATION CENTER

DESIGN TECHNOLOGY ECOSYSTEMS THAT SUPPORT REGIONAL AND DISTRICT IT STRATEGIC PLANS
STARTED INVESTIGATING PROCUREMENT OPTIONS TO LEVERAGE COLLECTIVE REGIONAL PURCHASING SCALE
REGULAR PARTICIPATION IN SOUTHERN TIER 8 REGIONAL BROADBAND COLLABORATIVE
COLLABORATED WITH ONC BOCES TO DELIVER THE MANAGED DATA SERVICE
DEVELOPED APP STREAMING TO CHROMEBOOKS VIA AMAZON WEB SERVICES
STREAMLINED PROCESS TO DEPLOY AND MANAGE APPLE DEVICES
PILOTED DATA SECURITY & PRIVACY COORDINATION SERVICE
ENHANCED BUILDING SURVEILLANCE SERVICE OFFERING

DEVELOP SKILLS, KNOWLEDGE, & OPPORTUNITIES FOR RIC STAFF



<ul> <li>IMPLEMENTED MONTHLY INVENTORY AUDITS</li> <li>CREATED A FORMAL ONBOARDING &amp; MENTORSHIP PROGRAM FOR NEW STAFF</li> <li>STARTED TO MODERNIZE CIVIL SERVICE JOB DESCRIPTIONS &amp; REQUIREMENTS TO MATCH REQUIRED SKILLS</li> </ul>		CREATED BASIC INVENTORY HANDBOOK FOR STAFF
<ul> <li>PROGRAM FOR NEW STAFF</li> <li>STARTED TO MODERNIZE CIVIL SERVICE JOB DESCRIPTIONS &amp; REQUIREMENTS TO MATCH</li> </ul>		IMPLEMENTED MONTHLY INVENTORY AUDITS
DESCRIPTIONS & REQUIREMENTS TO MATCH		
		DESCRIPTIONS & REQUIREMENTS TO MATCH
<ul> <li>EXPANDED INTERNAL LEARNING MANAGEMENT SYSTEM</li> </ul>	•	

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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

INSTRUCTIONAL LEADERSHIP

#### ENHANCE TEACHING & LEARNING IN THE REGION & IN DISTRICTS USING TECHNOLOGY TOOLS & COLLABORATION

#### **BROOME-TIOGA BOCES**

SOCIAL EMOTIONAL LEARNING
DEVELOPED PROFESSIONAL LEARNING AND RESOURCES TO SUPPORT STUDENTS' SOCIAL EMOTIONAL LEARNING IN REMOTE AND HYBRID INSTRUCTION
UTILIZED TECHNOLOGY TO SUPPORT THE SEL NEEDS OF TEACHERS
CULTURALLY RESPONSIVE SUSTAINING EDUCATION PRACTICES
WORKED COLLABORATIVELY WITH ONC BOCES AS PART OF THE TRLE GRANT TO DEVELOP RESOURCES AND PROFESSIONAL LEARNING OPPORTUNITIES FOCUSED ON MEETING THE NEEDS OF STUDENTS WITH DISABILITIES; THE RESOURCES FOCUSED ON THE USE OF HIGH LEVERAGE PRACTICES IN REMOTE AND HYBRID LEARNING ENVIRONMENTS
PLANNED AND IMPLEMENTED A LEADERSHIP ACADEMY FOCUSED ON EQUITABLE LEADERSHIP PRACTICES
PROMISING PRACTICES
DEVELOPED A SHARED INSTRUCTIONAL TECHNOLOGY PHILOSOPHY TO GUIDE THE WORK OF BT BOCES PROFESSIONAL LEARNING TEAM AND REGIONAL ED TECH INTEGRATION
PROVIDED ASYNCHRONOUS, SYNCHRONOUS, HYBRID, AND IN-PERSON PROFESSIONAL LEARNING OPPORTUNITIES FOCUSED ON REMOTE/HYBRID INSTRUCTION AND INNOVATIVE TEACHING PRACTICES
DEVELOPED A REMOTE AND HYBRID INSTRUCTION TOOLKIT
STANDARDS, CURRICULUM, AND INSTRUCTION
APPLIED FOR, RECEIVED, AND IMPLEMENTED THE SMART START GRANT TO INTEGRATE THE NYS COMPUTER SCIENCE & DIGITAL FLUENCY STANDARDS INTO OTHER CURRICULAR AREAS IN GRADES K-8
<ul> <li>COLLABORATED WITH SCRIC TEAMS TO PROVIDE STREAMLINED ACCESS TO DIGITAL INSTRUCTIONAL RESOURCES VIA MYAPPS PORTAL</li> </ul>
LEADERSHIP & SYSTEMS
LED REGIONAL DATA RESOURCE SERIES IN COLLABORATION WITH THE SCRIC
LED INTRODUCTORY SERIES ABOUT THE CS/DF STANDARDS FOR LEADERS

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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

INSTRUCTIONAL LEADERSHIP

ENHANCE TEACHING & LEARNING IN THE REGION & IN DISTRICTS USING TECHNOLOGY TOOLS & COLLABORATION

#### **DELAWARE-CHENANGO-MADISON-OTSEGO BOCES**

FACILITATE A REGIONAL EFFORT TO ENSURE ALL THIRD GRADERS ARE READING ON GRADE LEVEL
RECONVENED THE CAMPAIGN FOR GRADE LEVEL READING ACTION TEAMS TO ASSESS AND IMPLEMENT OUR COMMUNITY SCHOOLS ACTION PLAN
ANALYZED PERFORMANCE TRENDS AND BASELINE FOR READING INITIATIVE
MEET CURRENT AND EMERGING NEEDS THROUGH INNOVATIVE AND DIVERSE PROGRAMS AND SERVICES
<ul> <li>CREATED IMPROVED ACCESS TO PROFESSIONAL LEARNING OPPORTUNITIES, REQUESTS, REPORTS, AND EVALUATIONS</li> </ul>
SUPPORTED TEACHERS AND LEADERS WITH THE RESOURCES AND STRATEGIES TO MAKE DATA DRIVEN INSTRUCTIONAL DECISIONS
MONITOR AND UPDATE OUR SAFETY PREPAREDNESS PROGRAM
WORKED WITH MULTIPLE STAKEHOLDERS TO IMPLEMENT EDUCATION LAW 2-D REGULATIONS
ASSESSED BOCES INFRASTRUCTURE TO IDENTIFY AND ADDRESS STRENGTHS AND WEAKNESSES IN OUR CYBERSECURITY
BUILT CAPACITY WTHIN OUR TECHNOLOGY TEAM AND RESOURCS FOR MORE ROBUST CYBERSECURITY SYSTEMS AND PROTOCOLS

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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

INSTRUCTIONAL LEADERSHIP ENHANCE TEACHING & LEARNING IN THE REGION & IN DISTRICTS USING TECHNOLOGY TOOLS & COLLABORATION

#### **OTSEGO-NORTHERN CATSKILLS BOCES**

HIGH QUALITY INSTRUCTIONAL PROGRAMS			
PROVIDED LEADERSHIP AND SUPPORT TO DISTRICTS WITH THEIR RESPONSE TO INTERVENTION (RTI) AND MULTI-TIERED SYSTEMS OF SUPPORT (MTSS) PLANS AND OPERATIONALIZED STRUCTURES, INCLUDING THE EFFECTIVE USE OF DATA AND INSTRUCTIONAL TECHNOLOGY TOOLS			
WORKED COLLABORATIVELY WITH ONC BOCES AS PART OF THE TRLE GRANT TO DEVELOP RESOURCES AND PROFESSIONAL LEARNING OPPORTUNITIES FOCUSED ON MEETING THE NEEDS OF STUDENTS WITH DISABILITIES; THE RESOURCES FOCUSED ON THE USE OF HIGH LEVERAGE PRACTICES IN REMOTE AND HYBRID LEARNING ENVIRONMENTS			
EFFECTIVE LEADERSHIP			
PROVIDED ROBUST 1:1, AND SMALL GROUP SUPPORT FOR BUILDING AND TEACHER LEADERS FOCUSED ON THE USE OF DATA TO DRIVE INSTRUCTION, ACCESSING LEVEL 1, LEVEL 2, DATA DASHBOARD, AND INDIVIDUALIZED INSTRUCTIONAL RESOURCES			
WORKED COLLABORATIVELY TO PROVIDE LEADERSHIP AND SUPPORT INTERNALY AND EXTERNALLY REGARDING EDUCATION LAW 2-D COMPLIANCE			
REINVIGORATED THE MODEL SCHOOLS NETWORK IN THE ONC REGION, INCLUDING THE CREATION AND SUCCESSFUL OPERATIONALIZATION OF AN ESPORTS PROGRAM			
EFFECTIVE COLLABORATION THROUGH PARTNERSHIPS			
SUCCESSFULLY CO-HOSTED THE ANNUAL DO EDTECH REGIONAL NYSCATE CONFERENCE PROVIDING AN INSTRUCTIONAL TECHNOLOGY FOCUSED LEARNING EXPERIENCE TO COMPONENT DISTRICTS			
PILOTED REMOTE SCHOOL, OFFERED REMOTE SUMMER SCHOOL, AND SUPPORTED DISTRICTS WITH REQUESTED VIRTUAL LEARNING NEEDS			
ENHANCE COMMUNICATION			
REPRESENTED REGION AT STATEWIDE DISTANCE LEARNING AND SCHOOL LIBRARY SYSTEMS NETWORKS			
WORKED WOTH ONC BOCES SUPERINTENDENT SUB-COMMITTEE FOCUSED ON IDENTIFYING SECONDARY SCHOOL NEEDS AND VISIONING FOR THE FUTURE			

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#### SECTION FIVE RESULTS FROM PREVIOUS PLAN

INSTRUCTIONAL LEADERSHIP

ENHANCE TEACHING & LEARNING IN THE REGION & IN DISTRICTS USING TECHNOLOGY TOOLS & COLLABORATION

#### CROSS BOCES COLLABORATION: BROOME-TIOGA BOCES, DELAWARE-CHENANGO-MADISON-OTSEGO BOCES, OTSEGO NORTHERN CATSKILLS BOCES

	CREATED CROSS-BOCES REMOTE INSTRUCTION TOOLKIT	
•	ACCESSED THE RESOURCES UNDER THE TEACHING IN A REMOTE LEARNING ENVIRONMENT GRANT TO CREATE RESOURCES AND PROVIDE PROFESSIONAL LEARNING OPPORTUNITIES	
•	COLLABORATIVELY OFFERED INSTRUCTIONAL TECH PLAN DEVELOPMENT SESSIONS AND IMPLEMENTATION CHECK-INS	
•	ESTABLISHED MONTHLY CROSS-BOCES COLLABORATIVE MEETINGS OF MODEL SCHOOLS COORDINATORS	

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#### APPENDIX A REGULATORY REQUIREMENTS SUMMARY

#### The table below provides the page(s) each regulatory requirement can be found.

REGULATION	REQUIREMENT	PAGE NUMBER(S)
115.1(b)(1)	A description of the regional collaborative planning process.	Pages 3-11
115.1(b)(1)	Assurance planning processes are approved by BOCES District Superintendents. (NYSED Appendix B)	Page 30
115.1(b)(2)	A description of how the regional technology plan supports efficient and effective provision of technology service, which includes a description of major challenges to be addressed by the plan.	Page 4 Page 13
A description of how the regional technology pla115.1(b)(3)A description of how the regional technology and data priorities and the state.		Page 13
115.1(b)(3)	A description of how the regional technology plan will increase school district access to technology.	Page 18
115.1(b)(3)	A description of how the regional technology plan will assist school districts in developing and maintaining robust information privacy, information security, and cybersecurity controls.	Page 18
115.1(b)(4)	A list of regional priorities and needs that the regional technology plan will address.	Pages 12-13
115.1(b)(5)A description of the methods used to identify and prioritize needs in the region, which shall include engagement with key stakeholder groups.115.1(b)(6)A list of quantifiable goals.		Pages 5-11
		Pages 14-17
115.1(b)(6)	A description of how the goals will directly address the regional technology needs over the next five years.	Pages 14-17
115.1(b)(6)	A description of how the goals will improve service delivery over the next five years.	Page 18
115.1(b)(7)	Performance objectives for the first two years of the plan.	Pages 14-17
115.1(b)(8)	A description of the procedures which will be put in place to monitor the plan's implementation.	Pages 7-10
115.1(b)(9)	An evaluation of the performance objectives for the previous two years.	Pages 19-28

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#### APPENDIX B COOPERATIVE PLANNING ASSURANCES

The BOCES District Superintendents within the service delivery area are responsible for approving the regional planning process and certifying the assurances outlined below.

#### DISTRICT SUPERINTENDENTS' SIGNATURES

I approve the regional collaborative planning process used to develop and maintain our regional technology plan.

I assure that my BOCES participated fully in the development of this regional plan.

I assure that users, as defined in guidance, were substantially involved in the development of this plan. I assure that all technology services offered by my BOCES and the Regional Information Center are costeffective.

Releas How	Nov 27, 2022
District Superintendent Signature	Date
Ms. Rebecca Stone	Broome-Tioga BOCES
CEO & District Superintendent	BOCES
Jeffrey Matteson (Nov 28, 2022 12:32 EST)	Nov 30, 2022
District Superintendent Signature	Date
Dr. Jeffrey Matteson	Delaware-Chenango-Madison-Otsego BOCES
Interim District Superintendent	BOCES
Catherine Huber Catherine Huber (Nov 30, 2022 10:46 EST)	Nov 30, 2022
District Superintendent Signature	Date
Dr. Catherine Huber	Otsego-Northern Catskills BOCES
District Superintendent	BOCES

South Central SCRRIC, Regional Information Center

SOUTH CENTRAL RIC 2023-2028 REGIONAL 793 PLAN

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#### APPENDIX C AGENCIES USE OF APPLICATIONS

The software that school districts purchase and receive support for through the -BOCES and SCRIC is listed in an Excel spreadsheet. More information can be found by visiting the following link: <u>793 Appendix C\_MASTER.xlsx</u>



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## APPENDIX D COMMITTEE REPRESENTATIVES

The Regional Technology Advisory Group Board is comprised of the BOCES District Superintendents, 1-2 component school district superintendents, BOCES services leaders, and 1 component school district representative from each BOCES region for each of the following stakeholder groups – financial, instructional, and technology.



#### BT BOCES Region

Ms. Rebecca Stone - BT BOCES - CEO and District Superintendent
Scott Beattie - Windsor CSD - Assistant Superintendent for Instruction (BT Region Organization of Instructional Representatives-OIR)
Kerri Bullock - BT BOCES - Assistant Superintendent for Instructional Support Services and Leadership (Instructional Tech)
Beth Donohue - Chenango Valley CSD - School Business Executive (BT Region ASBO/CBO)
Val Murtha - Newark Valley CSD - Director of Curriculum, District Data Coordinator and Technology Dan Myers - BT BOCES - Executive Operations Officer
Jason Van Fossen - Maine-Endwell CSD - Superintendent

Nikki Waskie-Laura - BT BOCES - Director of Professional Learning and Innovation



#### DCMO BOCES Region

Dr. Jeffrey Matteson – DCMO BOCES – Interim District Superintendent Bob Avery - DCMO BOCES - Director of Services Kerrie Johnston - Sidney CSD - Assistant Superintendent for Curriculum, Instruction and Special Programs Dr. Mike MacDonald - Walton CSD – Superintendent Jessica Poyer - Norwich CSD - Director of Teaching, Learning and Personnel

Dr. Dave Richards - Unatego CSD – Superintendent

Ginger Rinaldo - DCMO BOCES - Assistant Superintendent of Instructional Services



#### ONC BOCES Region

Dr. Catherine Huber – ONC BOCES – District Superintendent Dr. Jenna Avery – ONC BOCES – Deputy Superintendent Gen Ballard – ONC BOCES – Technology Coordinator (Tech Directors/Coordinators) Theresa Carlin – Schenevus CSD - Superintendent Lynn Chase – ONC BOCES – Director of Management Services (Runs the BOCES Business Office – area of the Business Officials Conurs)

- part of the Business Officials Group)
- Bill Dorritie Laurens CSD Superintendent

Gary Furman – Edmeston CSD - Superintendent

- Kevin Keane Cherry Valley–Springfield CSD Secondary Principal/Tech Director (Principals Academy/ISS and Tech Directors)
- Amy Kukenberger Cooperstown CSD Business Official and Data Coordinator (ONC Business Officials Group)

Bonnie Nobiling - Oneonta CSD - IT Services Director (Tech Directors/Coordinators)

Stacy Ward - ONC BOCES – Executive Director of Professional Learning and Student Services (Runs Principals Academy/ISS)



#### SCRIC

Chrissy Choi – SCRIC – Director Tom Guillon – SCRIC – Deputy Director Philip Sage – SCRIC – Assistant Director – IT Infrastructure & Applications

# Regional Technology Plan - 2023-28

Final Audit Report

2022-11-30

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By:	Christine Choi (cchoi@btboces.org)
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