



TRIG 2.0 Final Report

Grant Period: January 2014 to June 2015



TRIG 2.0 Consortia & Activities

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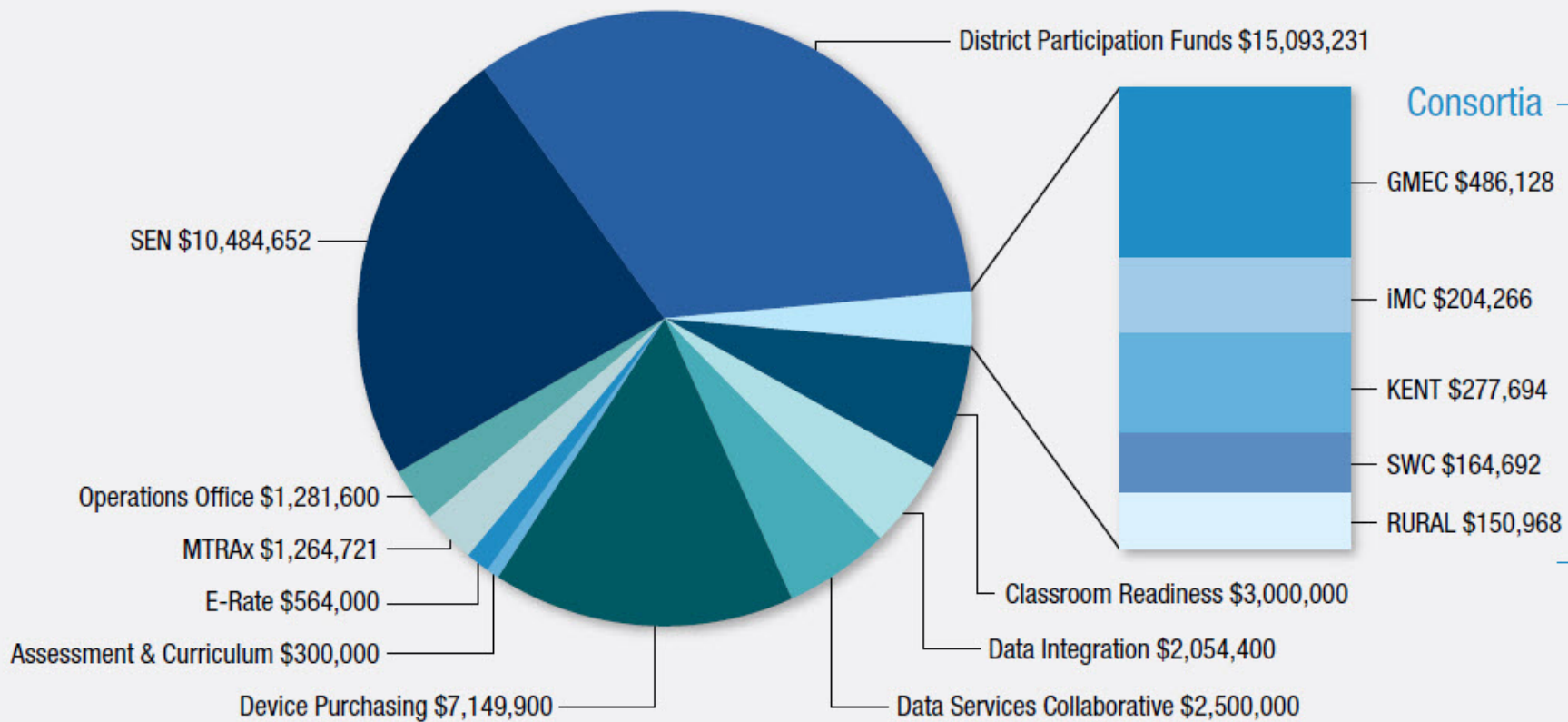
TRIG 2.0 Awarded Funds

Description:	Original Award:	Amended Award:	Expenditures:
District Participation Funds	\$ 15,093,231.00	\$ 15,093,231.00	\$ 15,093,231.00
Assessment & Curriculum	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00
Classroom Readiness	\$ 3,000,000.00	\$ 3,000,000.00	\$ 3,000,000.00
Data Integration	\$ 1,675,000.00	\$2,054,400.00	\$2,054,400.00
Data Services Collaboratives	\$ 2,500,000.00	\$ 2,500,000.00	\$ 2,500,000.00
Device Purchasing	\$ 7,149,900.00	\$ 7,149,900.00	\$ 7,149,900.00
E-Rate	\$ 950,000.00	\$ 564,000.00	\$ 564,000.00
MTRAx	\$ 1,265,348.00	\$ 1,265,348.00	\$ 1,264,721.00
Operations Office	\$ 1,275,000.00	\$ 1,281,600.00	\$ 1,281,600.00
SEN	\$ 10,484,652.00	\$ 10,484,652.00	\$ 10,484,652.00
TOTAL ACTIVITIES:	\$ 28,599,900.00	\$ 28,599,900.00	\$ 28,599,273.00
GMEC	\$ 486,128.00	\$ 486,128.00	\$ 486,128.00
iMC	\$ 204,266.00	\$ 204,266.00	\$ 204,266.00
KENT	\$ 278,188.00	\$ 278,188.00	\$ 277,694.00
SW	\$ 164,692.00	\$ 164,692.00	\$ 164,692.00
RURAL	\$ 150,968.00	\$ 150,968.00	\$ 150,968.00
TOTALS CONSORTIA:	\$ 1,284,242.00	\$ 1,284,242.00	\$ 1,283,748.00
Grand Total:	\$ 44,977,373.00	\$ 44,977,373.00	\$ 44,976,252.00



TRIG 2.0 Expenditures

TOTAL EXPENDITURES — \$44,976,252





TRIG 2.0 Cost Savings for Districts

DIRECT, INDIRECT, AND VALUE ADDED SAVINGS — TOTAL \$76,915,585

2.0 TRIG COST SAVINGS		
DESCRIPTION	INDIRECT/VALUE-ADDED	DIRECT
Participation Funds		\$15,093,231
Assessment & Curriculum	\$ 5,869,380	\$
Classroom Readiness	4,395,000	1,039,674
Data Integration	5,505,385	
Device Purchasing	34,448,446	6,999,921
E-Rate	2,978,278	
MTRAx	464,940	
Operations Office	121,330	
TOTAL	\$53,782,759	\$23,132,826
TOTAL INDIRECT & DIRECT		\$76,915,585

Indirect Savings / Value-Added Savings \$60,782,680

Direct Savings \$23,132,826

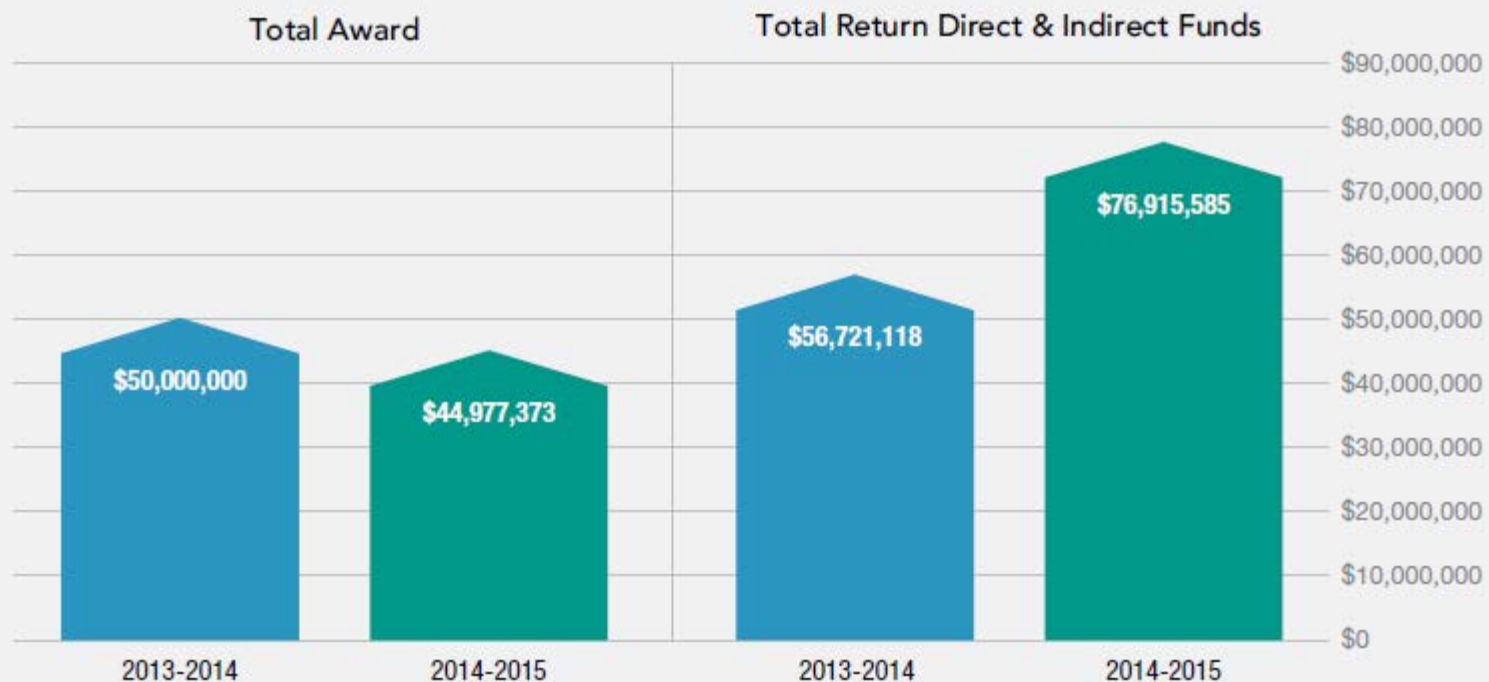
\$76,915,585

2.0 TRIG Total Awarded Funds \$44,977,373



TRIG 1.0/2.0 Cost Savings for Districts

RETURN ON INVESTMENT (ROI)





Consortium: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee ISD

Consortium Leaders on the TRIG Steering Committee:

- Dr. Lisa Lockman, Wexford-Missaukee ISD
- Tom Johnson, K12 ETA

iMC

Advisory Committee

Members:

- Rug Dozzi - COORISD
- Kristi Martin - MISD
- Roy Anciso - Manistee
- Doug Olson - TBAISD
- Lisa Lockman - WMISD
- Josh Hayes - K12 ETA
- Tom Johnson - K12
ETA

Deliverables/Accomplishments:

- Technology Integration Support
- Hosted TRIG Mini Workshop
- Professional Development and conference scholarships for local and ISD tech staff at MAEDs
- Professional Development and conference scholarships for local and ISD instructional staff at MACUL conference
- 1:1 devices for 8 classrooms throughout IMC region
- Consortium leadership and coordination





iMC Leadership Budget

Awarded:	Expenditures:	
	Purchased Services (MAEDS, MACUL, IMC Retreat and meetings expenses, Mini Workshop)	\$59,898
	Equipment for 1:1 Pilots	\$97,113
	Transfer Out (MAEDS and MACUL Scholarships for local staff attending conferences and Advisory stipends, etc.)	\$47,255
\$ 204,266.00	Total:	\$ 204,266.00



iMC Leadership

Next Steps for 3.0:

- Continue and expand Data Service Collaborative
- Continue to support 1:1 initiative
- Continue and expand technology and curriculum collaborations
- Consensus from Advisory to continue Consortium work beyond “TRIG”
- Develop plan for sustainability of collaboration



TRIG Activity: Assessment and Curriculum

TRIG Project Manager for the Activity: David A. Johnson

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee Intermediate School District

Assessment & Curriculum

Advisory Committee Members:

- Michigan Assessment Consortium Board

Vision:

- Educators will gain access to an up-to-date digital resource centered around building the inquiry process and 21st century skills, which is aligned to the state content expectations for social studies.
- Educators will have access to information and clarification on what assessments are available through the Michigan Department of Education.

Deliverables/Accomplishments:

- Recorded Webinars (2013-14)
 - Mapping it Out – 1,285 views
 - Balanced Assessment – 1,200 views
 - MI-CCSS – 667 views
 - Depth of Knowledge – 1,877 views
 - Assessment Literacy – 696 views
 - Preparing K-2 Students – 1,453 views
- Sessions on MI Open Book project offered at Mini-Workshops, MACUL conference, Michigan School Testing Conference, National Council for Social Studies conference and Michigan Council for Social Studies conference.
- Digital Open Education Resources for 4th, 5th, 6th grade social studies, as well as HS Economics released in August 2015





Assessment and Curriculum Budget

Awarded:	Expenditures:	
	Salaries	\$113,561
	Purchased Services	\$171,094
	Materials	\$ 13,004
	Travel/Other	\$ 2,341
\$300,000	TOTAL:	\$300,000



Assessment and Curriculum

Accumulative Cost Savings to the Districts:

Activity:	Cost Savings to the Districts:
Webinar Series	\$17,300 for presenter costs
	\$1,478,668.00 cost savings to district for webinars (*see notes for formula)
MI Open Book	\$4,390,612.00 in savings on textbook purchases; 48,790 Downloads (As of September 25 th)
TOTAL:	\$5,869,380.00



Assessment and Curriculum

Next Steps for 3.0:

- Working on the creation of interactive textbooks for 3rd grade, 7th grade, 8th grade Social Studies, as well as High School Civics and Economics
- Continued promotion of webinar series



TRIG Activity: Data Integration

TRIG Project Manager for the Activity: Don Dailey

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee ISD

Data Integration

Advisory Committee Members:

- Trina Anderson, CEPI
- Dirk Bradley, Kalamazoo RESA
- Phil Carolan, Lenawee ISD
- Glen Finkel, Kent ISD
- Tom Howell, CEPI
- Doug Jarvi, Copper Country ISD
- Jason Kronemeyer, Eastern UP ISD
- Kristi Martin, Macomb ISD
- Doug Olson, TBAISD
- Kurt Rheaume, Wayne RESA
- Michelle Ribant, MDE
- Joyce Sackleh, Oakland Schools
- Melissa Tront, St. Joe County ISD

Focus: To streamline the use of educational information statewide.

Deliverables/Accomplishments:

- Production hub environment in place at KRESA and Oakland, with Copper Country, Kent and Macomb in process
- Synchronization process created to keep data hubs consistent
- Functioning cockpit with ability to send/receive Ed-Fi v 1.2 XML to/from any enabled application
- SIS Connectivity established to 4 vendors (eSchoolPlus, MISTAR, PowerSchool and Skyward) for testing with 9 total pilot districts providing data
- Ed-Fi Dashboards deployed for two pilot districts as proof of concept
- Reporting capability provided in data hubs with several initial reports created
- Created a single sign-on (SSO) envisioning report and began development of statewide SSO
- Worked with Michael & Susan Dell Foundation to develop the System of Authority specifications needed to control multiple systems writing to the hub, utilizing their grant funding
- Established dialogs with many agencies and organizations (CEPI, MDE, MASA/MAISA, MASSP) around aligning the data hubs with their work





Data Integration Budget

Final Award:	Expenditures:	
	Virtual Cockpit Development	\$1,224,303
	Data Center Operation Expenses	\$536,403
	Project Management	\$175,307
	Project Evaluation, Legal and WMISD	\$50,266
	Travel and Meeting Expenses	\$50,870
	Development and Database Software Licensing	\$17,251
\$2,054,400	TOTAL:	\$2,054,400



Data Integration Activity

Indirect Cost Savings to the Districts

Activity:	Indirect Cost Savings to the Districts:
MSDF funded research and development for System of Authority work	\$207,385
Discount provided by DLP on ROI Study	\$58,000
Estimated development work on Ed-Fi Base by the Ed-Fi Alliance in 2014-15	\$2,000,000
Estimated development work from SIS vendors (4 vendors by \$60,000)	\$240,000
Estimated development work shared by other states (6 categories x .5M each)	\$3,000,000
TOTAL:	\$5,505,385



Data Integration Activity

Next Steps for 3.0:

- Implementation statewide in 2015-16
- Use of web services and persistent ODS to improve connectivity and timeliness
- Working with CEPI, MDE and others on state reporting, data alignment, and providing test data
- Developing a Governance and Sustainability plan
- Deploying Statewide Single Sign-On
- Deploying Ed-Fi Dashboards



TRIG Activity: E-Rate Activity

TRIG Project Coordinator for the Activity: Josh Hayes and Bill Thompson

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee ISD

E-Rate

Advisory Committee Members:

- Josh Hayes, Wexford-Missaukee ISD
- Bill Thompson, Macomb ISD
- Beth Soggs, Bay-Arenac ISD
- Jim Rarus, Wayne RESA
- Phil Carolan, Lenawee ISD
- Jason Kronemeyer, Eastern UP ISD
- Darren Schiltz, Dickinson-Iron ISD
- Sam Accorso, Van Buren ISD
- Ben Daugherty, St. Joseph County Schools
- Craig McBain, Chippewa Valley Schools
- Joe Bouman, Big Rapids Public Schools
- Sonya Schryer-Norris, Library of Michigan

Focus: Successful implementation and utilization should ensure that every school has enough Internet bandwidth to take high stakes online assessments.

Deliverables/Accomplishments:

- Bid Development Tool
- RFP Telecommunications & Internet Services
- RFP VOIP
- RFP Web Hosting
- Consortia Workshops





E-Rate Activity Budget

Final Award:	Expenditures:	
	Purchased Services	\$410,301
	FTEs & Additional Costs	\$93,430
	Transfers Out TRIG E-Rate	\$60,269
\$ 564,000	Total:	\$564,000



E-Rate Activity

Indirect Cost Savings to the Districts:

Activity:	Indirect Cost Savings to the Districts:
Cost Savings (before E-Rate)	\$2,250,763
Training	\$75,000
Total Cost Savings	\$2,325,763
TOTAL Projected Cost Savings (before E-Rate)	\$2,978,278

* **16.80% Reduction in MBPS Cost**
171.85% Projected One Year Increase in Bandwidth MBPS



E-Rate Activity

Next Steps for 3.0:

- Focused E-Rate training for consultants, consortiums, and applicants with a multi-year strategic E-Rate communications plan
- Statewide Master Contracts (SMCs), pursue more centralized purchasing/filing of E-Rate services, standardization of practices
- Leverage statewide E-rate eligible services and incent districts to participate and utilize these opportunities
- State of Michigan E-Rate Collaboration within TRIG and among key departments with the State of Michigan, libraries, Intermediate School Districts, Local Education Agencies, and Public School Academies
- Develop specific strategies to maximize the opportunity of the E-Rate orders 2.0, 2.1, and future orders



TRIG Activity: Operations Office

TRIG Project Director: Tim Hall

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: MAISA

TRIG Operations Office

TRIG Operations Team:

- Tim Hall, TRIG Project Director
- Jan Vogel, TRIG Project Coordinator
- Kristin Margelot, TRIG Project Assistant
- Summer Franck, TRIG Communications Assistant & Device Purchasing Coordinator
- Deb Kopkau & Dan Pappas, TRIG Conference Coordinators

Focus: To oversee the work of the TRIG grant.



Deliverables/Accomplishments:

- TRIG Operations Office set the vision and spearheads the communication throughout the state
- Established a Communications Advisory Committee with the assistance of Gerri Allen from MSPRA
- Developed and distributed the first TRIG infographic to demonstrate cost savings to ISDs, LEA's and buildings
- Organized and facilitated meetings of the TRIG Steering Committee & the Activity Project Managers
- Coordinated the quarterly and annual reports with the TRIG evaluators
- Maintained and added to the TRIG website with M-STEP resources
- Published monthly Talking Points for each of the Activities for the various audiences to inform them on their progress (Superintendents, Principals, Curriculum Directors, Technology Directors, Finance Managers, and Teachers)
- Developed and maintains the TRIG website, publishes weekly updates, organizes workshops around the state about TRIG, prepares and presents at state-wide conferences, provides outreach to Michigan educational organizations
- Developed processes for monitoring the work of the activities and the consortia
- Facilitated the State ISD Technology Director's meetings, three per year



TRIG Operations Budget

Final Award:	Expenditures:	
	Membership	\$ 1,195,600
	Administration	\$ 76,000
	Salaries	\$ 10,000
\$1,281,600	Total:	\$ 1,281,600



TRIG Operations Office

Indirect Cost Savings to the Districts

Activity:	Cost Savings to the Districts:
Meeting Room Savings	\$ 94,810
Registration Savings	\$ 11,400
Hotel Room Savings	\$ 15,120
TOTAL:	\$ 121,330



TRIG Operations Office

Next Steps for 3.0:

- Continue to work on effective communication to the field, facilitate awareness, and to provide updates on the progress of TRIG
- Continue to provide leadership for the TRIG Steering Committee and Activity Project Managers



Consortium: Greater Michigan Educational Consortium

Fiscal Agent: Genesee ISD

Consortium Leaders on the TRIG Steering Committee:

- Luke Wittum, Genesee ISD
- Tammy Evans, Oakland Schools

GMEC

Advisory Committee Members:

- Beth Soggs - Bay-Arenac ISD
- Mark Knaack - Branch ISD
- Mike Oswalt - Calhoun ISD
- Ken Chinavare - Clare-Gladwin RESA
- Royce Humm - CCRESA & SRESA
- Lyne Roberts - Eaton ISD
- Luke Wittum - Genesee ISD
- Matt McMahon - Gratiot-Isabella RESA
- Daryl Tilley - Ingham ISD
- Dana McGrew - Iosco RESA
- Tom Kuras - Huron ISD
- Shannon Degan - Hillsdale & Jackson ISD
- Dan Allen - Lapeer ISD
- Jim Mallory - MCESA
- Tammy Evans - Oakland Schools
- Aaron Schippert - Saginaw ISD
- Carol Dorman - Sanilac ISD
- Dennis Buckmaster - SCCRESA
- Robert Frost - Tuscola ISD
- Jim Rarus - Wayne RESA

Deliverables/Accomplishments:

- Created M-STEP Readiness MOOC for both teachers and students
- Hosted M-STEP Readiness workshops in partnership with MDE that were attended across the state
- Hosted TRIG workshops at Oakland and Genesee (October/November)
- Provided funds directly to ISDs to assist in technology readiness efforts
 - DSC project
 - Core switch to 10GB
 - County Firewall
 - Backup server
- Data Service Collaborative efforts:
 - Statewide collaborative bids (content filtering & alert notification)
 - Instructional technology training efforts
 - Data center consolidation
 - SIS LMS integration
 - Identity management
- Facilitate communication of TRIG updates to LEAs/PSAs
- Support LEA and PSA participation





Greater MI Consortium Leadership Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$ 113,154
	Purchased Professional & Technical Svcs-Advisory Participation	\$ 100,000
	Purchased Professional & Technical Svcs-GMEC Participation	\$ 90,000
	Purchased Professional & Tech Svcs-Tech Readiness Efforts*	\$ 171,783
	Travel	\$ 2,202
	Workshops & Conferences	\$ 68
	Supplies/Materials	\$ 5,161
	Supplies/Materials-Tech Readiness	\$ 2,895
	Software/License	\$ 169
	Dues/Fees	\$ 696
\$ 486,128	Total:	\$ 486,128

* GMEC sponsored the creation of a MOOC to help teachers and students prepare for M-STEP. In addition, a portion of GMEC funds was given to each ISD in the consortium to fund tech readiness efforts for that ISD and its LEAs/PSAs.



GMEC Consortium Leadership

Next Steps for 3.0:

- Continue DSC efforts around statewide bids
- Continue to assist LEAs and PSAs with M-STEP preparedness
- Continue to support the participation of LEAs and PSAs in TRIG
- Ensure deliverables of statewide activities (SEN, Classroom Readiness and TST)



TRIG Activity: Classroom Readiness

TRIG Project Managers for the Activity:

Melissa White & Danielle Letter

Consortium Leader: GMEC

Fiscal Agent: Genesee ISD

Classroom Readiness

Advisory Committee Members:

- Dave Johnson - Wexford Missaukee ISD
- Anthony Buza - Genesee ISD
- Danielle Letter - Genesee ISD
- Andrew Steinman - Kent ISD
- Jennifer Parker - Moore – Macomb ISD
- Jan Harding - Macomb ISD
- Kay Hauck - Clare Gladwin RESD
- Melissa White - Genesee ISD
- James Spruill - Genesee ISD
- Laura Cummings - Oakland ISD
- Tina Tribu - Kalamazoo RESA
- Cassie Thelen - Alma Schools
- Rhonda Provost - Eaton ISD
- Lori Pearson - COP ISD
- Michelle Ribant - EUP ISD
- Keith Tramper - KRESA

Focus: Providing Professional Development that improves technology proficiency and local district readiness for online assessments.

Deliverables/Accomplishments:

- Worked with educators in 284 schools
- Hosted statewide virtual participation in the T3 course
- 2,881 educators have completed the T3 course
- Over 3,874 educators have completed at least half of the course
- Almost half of the participating educators (47%) now self-assess their overall technology readiness at the two highest levels, Transformative (6%) or Proficient (41%)
- Worked with MDE to revise the project and develop learning pathways which will provide “Any Time, Any Place, Any Way, Any Pace” self paced professional learning opportunities to support technology integration and instructional practice
- Engaged broad group of stakeholders
- Identified learning pathways important to educators across Michigan
- Created new web resource to be used by educators across the state in identifying professional learning opportunities





Classroom Readiness Activity Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$ 159,528
	Purchased Professional & Technical Services	\$ 2,813,335
	Travel	\$ 3,353
	Workshops & Conferences	\$ 7,571
	Supplies/Materials	\$ 14,334
	Software/License	\$ 1,234
	Communication	\$ 399
	Printing	\$ 246
\$ 3,000,000	Total:	\$ 3,000,000



Classroom Readiness

Cost Savings to the Districts

Activity:	Cost Savings to the Districts:
2014 Indirect Savings (\$1500/teachers that completed as an estimate of a college 3-credit course)	\$4,395,000
Direct funds to districts	\$1,039,674
TOTAL:	\$5,434,674



Classroom Readiness

Next Steps for 3.0:

- Continue to support the participation of LEAs and PSAs with TRIG Classroom Readiness
- Continue building self-paced, bite-sized modules supporting technology instruction and instructional practice available at no charge to every educator in the state of Michigan
- Facilitate partnerships with statewide organizations
- Devise sustainability plan for Classroom Readiness EduPaths



TRIG Activity: Statewide Education Network

TRIG Project Manager for the Activity: Dave Childs

Consortium Leader: GMEC

Fiscal Agent: Genesee ISD

Advisory Committee Members:

- Matt McMahon - GIRESD
- Jim Rarus - Wayne RESA
- Matt Start - Genesee ISD
- Luke Wittum - Genesee ISD
- Dennis Buckmaster - SCCRESA
- Chris Hammond - Oakland ISD
- Ken Chinavare - Clare-Gladwin RESD
- Chuck Madden - Lapeer ISD
- Dan Allen - Lapeer ISD
- Royce Humm - Shiawassee RESD
- Josh Hiner - Copper Country ISD
- Ben Daugherty - St. Joseph ISD
- Kurt Torok - Kalamazoo RESA
- James Weiss - Schoolcraft
- Roy Anciso - Manistee ISD
- Patrick Wroble -
- Karen Domino - Washtenaw ISD
- Mike Hubert - Livingston RESA
- Tammy Evans - Oakland ISD
- Tim Brown - Kent ISD
- Andy Henry

Focus: Establish the preliminary data base (maps) of existing K12 owned and leased network infrastructure and put the layer one (back bone) and layers two and three (switching and routing) design resources in place.

Deliverables/Accomplishments:

- Completed RFP for optical components and alternative design proposal
- Completed vendor selection for design and implementation of SEN backbone
- Completed preliminary design of core backbone connecting 56 ISDs
- Designed leverages with existing K12 infrastructure
- Established collaborative relationships with Department of Technology Management and Budget and vendor community
- Began defining the messaging strategy for media and legislators





SEN Activity Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$ 193,848
	Purchased Professional & Technical Services	\$ 10,198,996
	Travel	\$ 3,986
	Workshops & Conferences	\$ 329
	Supplies/Materials	\$ 16,606
	Software/License	\$ 70,200
	Communication	\$ 687
\$ 10,484,652	TOTAL:	\$ 10,484,652



State Education Network

Value Added for Districts

- The SEN establishes the network platform for secure, efficient delivery of online testing content.
- SEN design establishes efficient routes between each ISD and one of the five Data Hubs that provide Data Integration services for districts (through TRIG's Data Integration Activity).
- As an Intranet, the SEN will provide efficient and secure paths between districts that will support resource sharing without having to rely on the commodity Internet (reducing ISP bandwidth costs).
- The SEN provides the platform for cost savings through collaborative/bulk purchasing of services such as Internet access.



Statewide Education Network

Next Steps for 3.0:

Implementation:

- Complete the route design working with Merit, DTMB (through MiDeal resources) and other vendors
- Construction of new routes
- Arranging for leases of dark fiber through vendors with existing routes
- Establish circuits through service leases where needed
- Establish agreements between MISEN and ISDs including completion of Facilities Checklists
- Order and begin deployment of equipment at each ISD
- Work with TRIG's E-Rate activity to leverage E-Rate resources where possible
- Continue to inform legislators on the role of the SEN in Michigan, its value to schools and municipalities and the financial requirements for its ongoing operation
- Complete connection of ISDs to the SEN in September of 2016



Consortium: Kent ISD Consortium

Fiscal Agent: Kent ISD

Consortium Leaders on the TRIG Steering Committee:

- Glen Finkel, Kent ISD
- Phil Carolan, Lenawee ISD

Kent ISD Consortium

Advisory Committee Members:

- Glen Finkel – Kent ISD
- Phil Carolan – Lenawee ISD
- John Milewski – Ionia ISD
- Karen Erhardt-Domino – Washtenaw ISD
- Karen Roy – Mecosta Osceola ISD
- Brian Pickett – Mecosta Osceola ISD
- Larry Ivens – Newaygo County RESA
- Mike Rohwer – Ottawa County ISD
- Mike Hubert – Livingston ESA
- Nick Adams – Monroe County ISD
- Randy Lindquist – Muskegon Area ISD
- Tom Staten – Montcalm Area ISD

Deliverables/Accomplishments:

- MAEDS - Stipends for district staff to attend MAEDS Conferences: Forest Hills School District and Thornapple School District
- Stipends for School District Projects - ISD's: Ionia, Kent, Lenawee, Livingston, Mecosta-Osceola, Monroe, Montcalm, Muskegon, Newaygo, Ottawa, Washtenaw
- Grant Writing & Communications – hired Michelle Gray
- Meeting attendance travel reimbursements
- Monthly meetings held for Kent Consortia Advisory Committee Members at the Kent ISD





KENT ISD Consortium Leadership Budget

Final Award:	Expenditures:	Balance:
	Salaries	\$ 20,587
	Purchased Services	\$257,107
\$278,188.00	Total:	\$277,694



KENT ISD Consortium Leadership

Next Steps for 3.0:

- Continue to regularly attend all TRIG related committee, project, and leadership meetings
- Hold 10 meetings annually for Kent Consortia Advisory Committee members with the intent to increase the flow of timely, accurate information within our consortia and support enthusiasm for TRIG as a whole



TRIG Activity: MTRAx

TRIG Project Manager for the Activity: Matt Lindner

Consortium Leader: Kent ISD Consortium

Fiscal Agent: Kent ISD

MTRAx

Advisory Committee Members:

- Glen Finkel – Kent ISD
- Dana Houseman – Godwin Heights Schools
- Robert Frost – Tuscola ISD
- Renee Van Allen – Kingston Schools
- Rug Dozzi – C.O.O.R. ISD
- Kevin Bullard – Kalamazoo RESA
- Gayle Underwood – Allegan ESA
- Mark Christoff – Delta Schoolcraft ISD
- Randy Crozier – Menominee County ISD

Focus: Develop and deploy the MTRAx application to all ISDs, LEAs and PSAs statewide.

Deliverables/Accomplishments:

- Completed redesign of MTRAx application, including:
 - Redesigned user interface for enhanced user experience and ease of use
 - Redeveloped source code and backend database to bring them onto modern application platforms (MS SQL and .NET framework); This effort also addressed the stability of the application and integrity of the data housed in MTRAx.
 - Developed and deployed new user training materials including user guides and training videos
 - Developed custom reporting and data export functionality in the application to enhance access to data (to be deployed Fall 2015)
- Developed and deployed new K12 technology planning process statewide to integrate technology and School/District Improvement Planning processes.
 - Developed preliminary process and solicited feedback statewide via focus groups
 - Identified necessary enhancements in AdvancEd ASSIST to support the new process; managed development of those enhancements
 - Finalized process based on feedback and deployed statewide in Spring of 2015
- Developed instructional measures to gauge the readiness status of students throughout the State for online testing.
 - Developed preliminary measures and solicited feedback statewide via focus groups
 - Revised measures based on feedback and conducted pilot data collection
 - Developed statewide rollout plan (planned rollout is Fall 2015)



MTRAx Activity Budget

Final Award	Expenditures	
	Salaries	\$ 4,809
	Purchased Services	\$ 1,249,276
	Supplies & Materials	\$ 10,636
\$1,265,348	TOTAL	\$1,264,721



Michigan Technology Readiness Assessment Tool (MTRAx)

Accumulative Cost Savings to the Districts

Category	Costs: with Consortium	Costs: without Consortium	Savings
Technology Planning	\$103,320	\$289,296	\$185,976
Instructional Measures	\$103,320	\$289,296	\$185,976
MTRAx Redesign	\$51,660	\$144,648	\$92,988
TOTAL:			\$464,940

***all cost savings are indirect**



Michigan Technology Readiness Assessment Tool (MTRAx)

Next Steps for 3.0:

- Complete rollout of redesigned MTRAx application and develop additional enhancements:
 - Support for multiple assessments
 - Enhanced reporting capabilities
- Implement year two technology planning scope
 - Deeper collaboration between technology and instruction
 - Full integration of technology into school improvement planning process
- Statewide deployment of instructional measures
- Statewide deployment of low effort data collection



Consortium: Rural Northern

Fiscal Agent: Copper Country ISD

Consortium Leaders on the TRIG Steering Committee:

- Michael Richardson, CCISD/REMC1
- Tim Davis, CharEm ESD

RNMC

Advisory Committee Members:

- Mary Zann – AMAESD
- Michael Richardson – CCISD/GOISD
- Tim Davis – CharEm ESD
- Jamie Huber – COPESD
- Darren Schiltz – DIISD
- Mark Christoff – DSISD
- Jason Kronemeyer – EUPISD
- Steve Schmunk – MARESA
- Randy Crozier – MC-ISD



Deliverables/Accomplishments:

- Hosted TRIG Mini Workshop
- Enhanced and expanded video conference capacity at all 10 member ISDs
- Consortium leadership and coordination
- Continued technology collaboration consortium
- Provided information conduits from TRIG to LEAs and ISDs
- Provided feedback channel from local LEAs and ISDs to TRIG Office and Steering
- Professional Development, including E-Rate, M-STEP, and MTRAx
- Assisted members with TRIG applications, MTRAx completion, and M-STEP test prep



RNMC Leadership Budget

Final Award:	Expenditures:	
	Equipment for video conferencing	\$ 25,290
	Conference costs	\$ 1,644
	Travel	\$ 882
	Consortium board stipends	\$ 45,651
	Statewide Activities (Advisory and Steering stipends)	\$ 77,500
\$150,968	Total:	\$150,968



RNMC Leadership

Next Steps for 3.0:

- Continue Data Service Collaborative Activities
- Continue to support TRIG Statewide Activities
- Continue and expand regional collaborations
- Continue communication and information dissemination
- Develop plan for sustainability of collaboration



TRIG Activity: Device Purchasing

TRIG Project Manager for the Activity: Karen Hairston

Consortium Leader: Rural Northern Michigan
Consortium

Fiscal Agent: Copper Country ISD

Device Purchasing

Advisory Committee Members:

- Paul Spoor - Oakland Schools
- Lyne Roberts – Eaton RESA
- Andy Wolfe, - Traverse Bay Area ISD
- Brian Pickett - Mecosta-Osceola ISD
- Kevin Clark - Berrien RESA
- Steve Schmunk - Marquette-Alger RESA
- Tim Davis - Charlevoix-Emmett ISD
- Jamie Huber - Cheboygan-Otsego-Presque Isle ESD

Focus: To develop, issue and administer statewide bids for personal learning devices and desktop computers in order to support on-line testing and the "Any Time, Any Place" initiative. The goal is to aggregate demand statewide for these devices in order to drive down the purchase price for these products.

Deliverables/Accomplishments:

- Completed the Spring 2014 bid cycle including purchase window from 4/23/2014 - 7/31/2014, calculation of incentives, evaluation and final data
- Completed the following steps for the Spring 2015 Bid Cycle:
 - Determined how incentives would be allocated
 - Determined bid specifications
 - Ran forecast window to determine statewide demand
 - Issued Invitation to Bid
 - Evaluated bid responses
 - Awarded contracts to selected vendors
 - Opened purchase window (to run through 8/14/2015 for incentives and through 9/30/2015 for discounts only)





Device Purchasing Activity Budget

Final Award:	Expenditures:	
	Purchased Professional and Technical Services	\$ 149,971
	Incentive funds	\$6,999,921
	Supplies	\$ 8
\$ 7,149,900	Total:	\$7,149,900



Device Purchasing

Cumulative Cost Savings to the Districts

Activity:	Cost Savings to the Districts:
Vendor Discounts on Devices	\$33,905,393
Incentive Funds	\$ 6,999,921
Value-Add Professional Development	\$ 543,053
Total:	\$41,448,367

146,915 Devices (127,319 mobile devices and 19,596 desktops)
purchased by 43 ISDs and 374 LEAs / PSAs



Device Purchasing

Next Steps for 3.0:

- Complete the 2015 purchase window (September 30, 2015)
- Calculate incentives per district (September / October 2015)
- Distribute incentive checks (October / November 2015)
- Implement evaluation (October – December 2015)
- Start planning for 2016 bid cycle (October 2015)



Consortium: Southwest Michigan

Fiscal Agent: Kalamazoo RESA

Consortium Leaders on the TRIG Steering Committee:

- Holly Norman, Kalamazoo RESA
- Brian Schupbach, Kalamazoo RESA

Southwest Michigan Consortia

Advisory Committee Members:

- Holly Norman – KRESA
- Tom Harwood - KRESA
- Brian Schupbach – KRESA
- Kevin Bullard – KRESA
- Tina Tribu – KRESA
- Sam Accorso – VanBuren ISD
- Ben Daugherty - SJCISD
- Teresa Faulk – Wayland Public Schools
- Brandon Waggoner – Berrien Springs Public Schools
- Cindy Latta-Larsen – Barry ISD
- Kevin Clark – Berrien RESA
- Randy Gross – Dowagiac Union Schools
- Dirk Bradley– KRESA
- Don Dailey – KRESA

Deliverables/Accomplishments:

- Project Manager that organized and coordinated critical deadlines, maintain consortium budget, facilitates meeting and serves as liaison between TRIG Office, advisory committee, and districts
- Instructional Technology Coaches that provided additional professional development services to districts in the SWMI region
- Virtual host for MSTEP Awareness Training
- Regional leadership (advisory committee) that includes expertise in Technology, Curriculum, Administration, and other area support staff
- Host site for tech planning process meeting
- Hosted Fall TRIG Workshop at no cost to participants
- Leadership on Data Service Collaboratives activity which consists of over 40 collaborative projects throughout the state





SW Michigan Consortium Leadership Budget

Final Award:	Expenditures:	
	Instructional Tech Coach	\$ 27,593
	Instructional Tech Coach – Contracted with Berrien	\$ 19,971
	Supplies/Travel	\$ 10,081
	Advisory Committee Stipend	\$ 26,000
	Project Management	\$ 81,047
\$ 164,692	Total:	\$164,692



SW Michigan Consortium Leadership

Next Steps for 3.0:

- Leadership & Coordination
- Instructional Technology Coaching
- Data Services Collaborative
- Building Sustainability



TRIG Activity: Data Services Collaborative

TRIG Project Manager for the Activity: Kevin Bullard

Consortium Leader: Southwest Michigan Consortium

Fiscal Agent: Kalamazoo RESA

Data Services Collaborative

Deliverables/Accomplishments:

Focus:

During Year 1 there were over 40 awarded collaborations across the five TRIG Consortia, statewide in 4 categories, Technology Purchasing, Professional Development & Certification, Data Centers, and Software. Each category has a primary focus and leverage other areas of TRIG. All are described in detail below:

Technology Purchasing

- Focus: Creating a process for statewide pricing on technology systems, available to school districts statewide.
- Leveraging: Leveraging existing processes that exist in the Device Purchasing Activity.

Professional Development & Certification

- Focus: An Online Assessment Awareness course was created (funded by the Professional Development Funds of Greater Michigan Education Consortium) in which every educator and student has the opportunity to earn a digital badge after completing the course. So far over 250 educators and students around the state have earned a digital badge for taking the course.
- Leveraging: Collaborating with Classroom Readiness activity to explore how participants can earn digital badges for their work in the course.

Data Center

- Focus: Eliminate the inefficiencies of redundant services with the hope to free up and reallocate resources directly into the classroom.
- Leveraging: Further expand the use of the Statewide Education Network, Data Hubs, and ultimately result in having additional financial resources to allocate to the classroom and online readiness.

Software

- Focus: Regional hosting of software such as Student Information System and Data Warehousing, enhancing or creating regionalized in-state reporting, and customized reporting.
- Leveraging: Collaboratives within this category will take full advantage of the Statewide Education Network, Data Hubs, and Classroom Readiness Activities.



Data Services Collaborative Activity Budget

Final Award:	Expenditures:	
	Support Services – Central	\$ 165,695
	Grant Awards to schools	\$2,324,999
	Travel	\$ 9,306
\$ 2,500,000	Total:	\$2,500,000