



TRIG 3.0 Report

Grant Period: January 2015 to June 2016



TRIG 3.0 Consortia & Activities

Table of Contents

Budget

- Awarded Funds
- Expenditures ([Slides](#))
- Cost Savings/Value Added ([Slides](#))
- Return On Investment ([Slides](#))

Greater MI Education Consortium

- Consortium ([Slides](#))
- Classroom Readiness ([Slides](#))
- SEN ([Slides](#))
- TST ([Slides](#))

Intra Michigan Consortium (iMC)

- Consortium ([Slides](#))
- Assessment & Curriculum ([Slides](#))
- Data Integration ([Slides](#))

Intra Michigan Consortium (iMC) – cont.

- E-Rate ([Slides](#))
- Operations Office ([Slides](#))
- Strategic Readiness Support ([Slides](#))

KENT ISD Consortium

- Consortium ([Slides](#))
- MTRAx ([Slides](#))

Rural Northern Consortium

- Consortium ([Slides](#))
- Device Purchasing ([Slides](#))

Southwest Michigan Consortium

- Consortium ([Slides](#))
- Data Services Collaborative ([Slides](#))

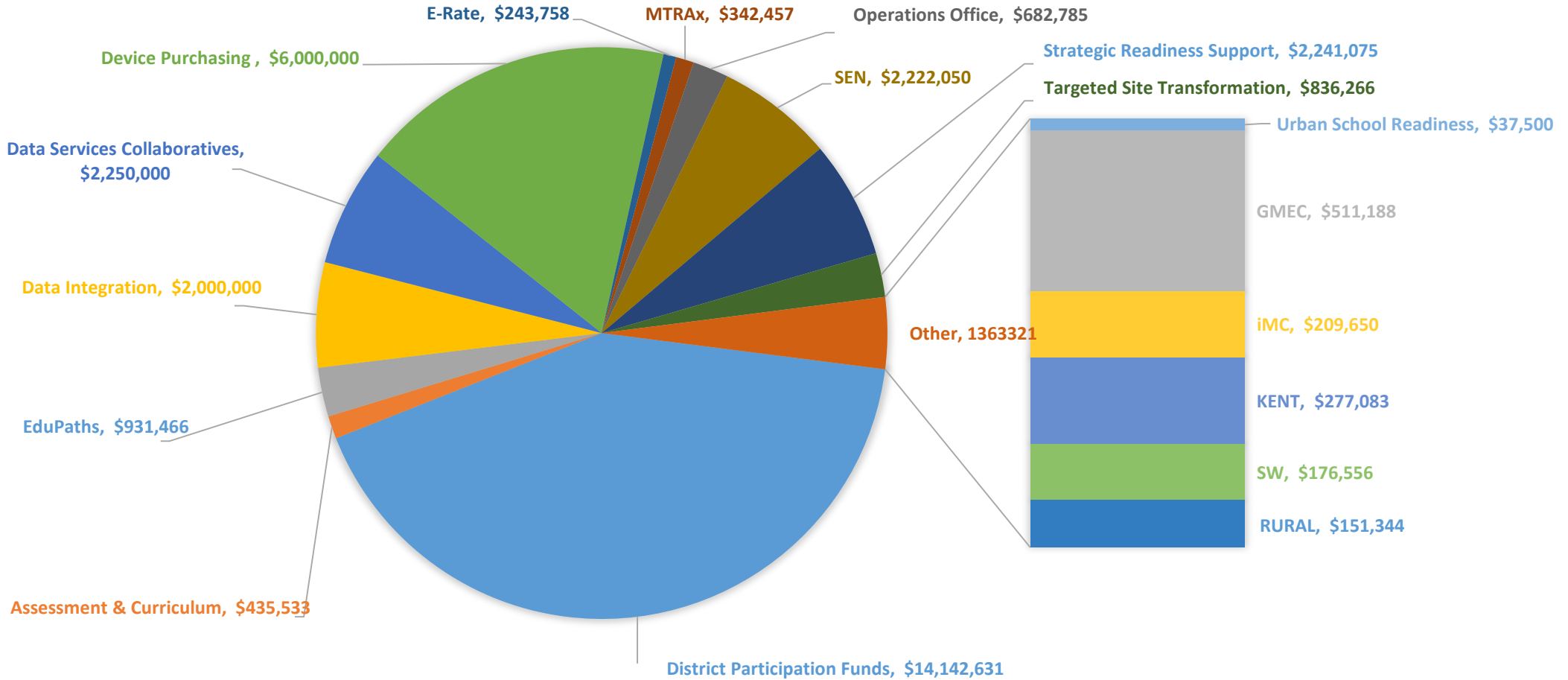


TRIG 3.0 Awarded Funds

Description:	Original Award:	Expenditures:	Work Project:
District Participation Funds	\$ 14,711,675.00	\$ 14,142,631.00	\$ 569,044.00
Assessment & Curriculum	\$ 600,000.00	\$ 435,533.00	\$ 164,467.00
Classroom Readiness	\$ 3,277,950.00	\$ 931,466.00	\$ 2,346,484.00
Data Integration	\$ 2,000,000.00	\$ 2,000,000.00	\$ -
Data Services Collaboratives	\$ 2,250,000.00	\$ 2,250,000.00	\$ -
Device Purchasing	\$ 6,000,000.00	\$ 6,000,000.00	\$ -
E-Rate	\$ 350,000.00	\$ 243,758.00	\$ 106,242.00
MTRAx	\$ 500,000.00	\$ 342,457.00	\$ 157,543.00
Operations Office	\$ 1,200,000.00	\$ 682,785.00	\$ 517,215.00
SEN	\$ 2,222,050.00	\$ 2,222,050.00	\$ -
Strategic Readiness Support	\$ 5,000,000.00	\$ 2,241,075.00	\$ 2,758,925.00
Targeted Site Transformation	\$ 2,000,000.00	\$ 836,266.00	\$ 1,163,734.00
Urban School Readiness	\$ 37,500.00	\$ 37,500.00	
TOTAL ACTIVITIES:	\$ 25,437,500.00	\$ 18,185,390.00	\$ 7,214,610.00
GMEC	\$ 511,188.00	\$ 511,188.00	
iMC	\$ 209,650.00	\$ 209,650.00	
KENT	\$ 278,327.00	\$ 277,083.00	\$ 1,244.00
SW	\$ 176,556.00	\$ 176,556.00	
RURAL	\$ 151,344.00	\$ 151,344.00	
TOTALS CONSORTIA:	\$ 1,327,065.00	\$ 1,325,821.00	\$ 1,244.00
Grand Total:	\$ 41,476,240.00	\$ 33,653,842.00	\$ 7,784,898.00



TRIG 3.0 Expenditures





TRIG 3.0 Cost Savings for Districts

Direct, Indirect, and Value Added Savings: \$75,641,802

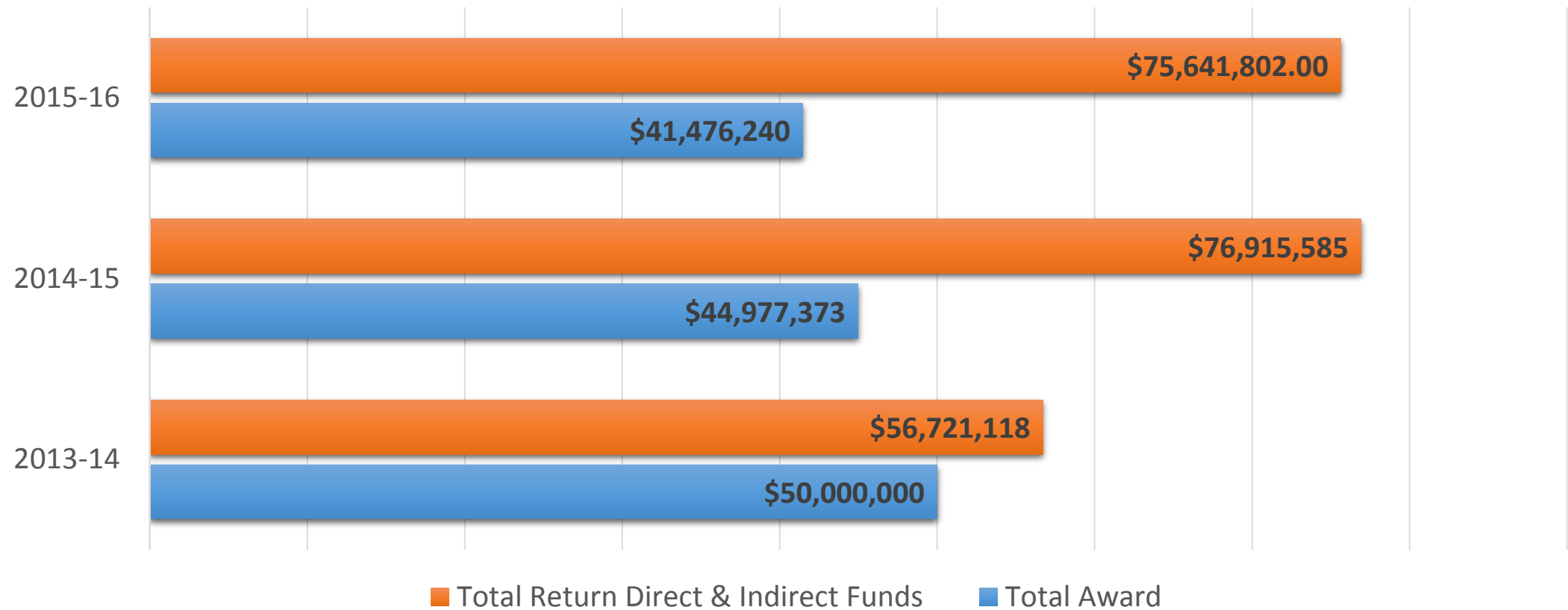
Description:	Indirect	Direct
Participation Funds		\$ 14,711,675.00
Assessment & Curriculum	\$ 9,794,035.00	
Data Integration	\$ 8,000,000.00	\$ 419,985.00
Device Purchasing	\$ 35,169,291.00	\$ 6,194,314.00
E-Rate	\$ 962,176.00	
MTRAx	\$ 278,964.00	
Operations Office	\$ 111,362.00	
Strategic Readiness Support		\$ 3,372,488.00
KENT		\$ 218,922.00
SW		\$ 46,000.00
TOTAL	\$ 54,315,828.00	\$ 21,325,974.00
TOTAL Indirect & Direct		\$ 75,641,802.00

3.0 TRIG Awarded Funds: \$41,476,240



TRIG 1.0/2.0/3.0 Cost Savings for Districts

RETURN ON INVESTMENT (ROI)





TRIG 3.0 Final Report

GMEC

Grant Period: January 2015 to June 2016



Consortium: Greater Michigan Educational Consortium

Fiscal Agent: Genesee ISD

Consortium Leaders on the TRIG Steering Committee:

Luke Wittum, Genesee ISD

Tammy Evans, Oakland Schools

Dennis Buckmaster, St. Clair RESA

GMEC

Advisory Committee Members:

- Beth Soggs - Bay-Arenac ISD
- Mark Knaack - Branch ISD
- Sam Lutgrig - Calhoun ISD
- Ken Chinavare - Clare-Gladwin RESA
- Pete Klein - Clinton County
- Lyne Roberts - Eaton ISD
- Luke Wittum - Genesee ISD
- Matt McMahon - Gratiot-Isabella RESD
- 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
- Jackie Carstens - SRESA
- Robert Frost - Tuscola ISD
- Jim Rarus - Wayne RESA

Deliverables/Accomplishments:

- Communication channel for TRIG to ISDS and ISDs to LEAs/PSAs
- Funded technology readiness efforts across GMEC for ISDs and their LEAs/PSAs
- Oversee TRIG Activities led by GMEC
- Worked with GMEC members (ISDs, LEAs, PSAs) to ensure they submitted all required items for TRIG (MEGS+, survey, etc.)





Greater MI Consortium Leadership Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$66,835
	Purchased Professional & Technical Svcs - Advisory Participation	\$35,750
	Purchased Professional & Technical Svcs - GMEC Participation	\$36,500
	Purchased Professional & Technical Svcs - Tech Readiness Efforts	\$363,808
	Purchased Professional & Technical Svcs - Steering Participation	\$5,400
	Travel	\$320
	Workshops & Conferences	\$751
	Supplies/Materials	\$1,824
\$511,188	TOTAL:	\$511,188



GMEC Consortium Leadership

Cost Savings:

- Direct savings provided by funds designated for technology readiness efforts for ISDs and their LEAs/PSAs.



GMEC Consortium Leadership

Next Steps for 2016-17:

- Sustain the work of the consortium with reduced funding
- Sustain existing communication efforts of GMEC to ISDs, ISDs to LEAs/PSAs
- Sustain TRIG Activities of GMEC for the future



TRIG Activity: Classroom Readiness (EduPaths)

TRIG Project Managers for the Activity:
Danielle Letter

Consortium Leader: GMEC
Fiscal Agent: Genesee ISD

Classroom Readiness (EduPaths)

Advisory Committee Members:

- Dave Johnson - Wexford Missaukee ISD
- Joe Rommel– Berrian RESA
- Tina Tribu - REMC
- Cassie Thelen - Alma Public Schools
- Michelle Ribant - MDE
- Gregg Dionne- MDE
- Steve Kass – REMC 1
- Mitch Fowler – Calhoun ISD
- Joe Liberarto – Calhoun ISD
- Kathryn Dewsbury-White- MAC
- Tammy Maginity – MACUL

Ambassadors:

- Gaby Ezaguirre - RNM
- Marianna Ripple - RNM
- Michelle Grey - Kent
- Aaron Schippert - GMEC
- Anupam Chugh - GMEC
- Heidi Hayes - IMC
- Joe Rommel– SWM
- Tina Tribu - SWM

Focus: EduPaths

Deliverables/Accomplishments:

- Over 200 educators participating in summer professional development to create content
- Over 2,800 users with numbers growing daily
- Social media presence- Facebook, Google + and weekly Twitter chat
- Weekly Smore newsletter with ambassador updates
- Approved to offer State Continuing Clock Hours (SCECHs) for EduPaths courses
- Establishing and continuing partnerships with statewide educational organizations as well as organizations who will connect self-paced professional learning and webinars
- Implementing Articulate Storyline in modules for improved e-learning and user experience
- Implemented a flipped model of instruction for summer professional development utilizing EduPaths course and face-to-face support
- Presentations around the state at conferences as well as vendor presence
- Hired three full time content creators





EduPaths Activity Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$323,344
	Purchased Professional & Technical Services	\$544,524
	Travel	\$3,186
	Workshops & Conferences	\$7,949
	Supplies/Materials	\$42,588
	Software/License	\$7,860
	Communication	\$ 991
	Printing	\$1,024
\$3,277,950	TOTAL:	\$931,466
	<i>Work Project</i>	<i>\$ 2,346,484</i>



EduPaths Cost Savings

Value Added:

- Cost and time-effective professional learning
- Providing awareness and direct connections to statewide blended, in-person, and online professional development
- Free SCECHs for Michigan educators



Next Steps for 2016-17:

- Continue to facilitate partnerships with statewide organizations and provide resources to support statewide initiatives.
- Continue to create and connect professional learning modules aligned with the nine (9) EduPaths learning pathways.
- Move towards sustainability.
- Implement upgrades to EduPaths site.
- Apply and Model: Design and create modules which will illustrate applying and modeling practices.



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 Stark - 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
- 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

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 equipment installation in 20 of the 55 ISD locations.
 - Completed six of the eleven backbone segments that make up the core of the SEN's backbone.
 - Completed analysis and began implementation of an E-Rate funding strategy for MISEN.
 - Forty-eight ISDs authorized participation in a MISEN E-Rate Consortium.
 - An E-Rate filing including posting of a Request for Proposals as part of MISEN's rebid initiative was completed in June of 2016.
- Began redevelopment and MISEN's sustainability model in anticipation of E-Rate funding.



SEN Activity Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$186,081
	Purchased Professional & Technical Services	\$2,029,071
	Travel	\$3,397
	Workshops & Conferences	\$817
	Supplies/Materials	\$2,084
	Communications	\$600
\$2,222,050	Total:	\$2,222,050



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 2016-17:

- Finalize MISEN's E-Rate strategy including selection of vendor(s) based on E-Rate procedures including:
 - File E-Rate form 471
 - Manage routes and site installation in a manner that accommodates budget and potential E-Rate funding
 - Begin preparation of 2017 E-Rate filing for Internet Access services
- Finalize MISEN's application for IP addresses with American Registry for Internet Numbers (ARIN).
- Begin Testing and Acceptance procedures with Merit
- Begin route connections between ISD local networks and the SEN Backbone
- 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 all ISDs to the SEN in September of 2017



TRIG Activity: Targeted Site Transformation

TRIG Project Managers for the Activity:

Anthony Buza

Consortium Leader: GMEC

Fiscal Agent: Genesee ISD

Targeted Site Transformation

Advisory Committee Members:

- Becki Dupuis, Bentley Community Schools
- Bob Larson, Brandon School District
- Andy Phillips, Brandon School District
- Jenny Coppens, Swan Valley
- Scott Hartman, Genesee ISD
- Ming Mays, Manton
- Meredith Nickerson, Dexter
- Andrew Steinman, Kent ISD
- Steve Schmunk, Marquette Alger RESA
- Cheryl-Marie Manson, Allegan Public Schools
- Jeremie Coplin, Kalamazoo RESA

Focus:

The goal of the TRIG Targeted Site Transformation (TST) activity is to help transform schools into 1-to-1 learning environments where best practices of 21st century instruction and learning can occur.

Deliverables/Accomplishments (at each TST site):

- Network/wireless upgrade completed
- Classroom technology upgrade completed
- Mobile devices purchased and deployed
- Staff data collection using Panorama Education completed Fall 2015 and Spring 2016
 - Data used to guide professional development
 - On-site PD facilitated based on staff/teacher needs
 - Off-site PD (miGoogle, MACUL, etc.) attended by TST teachers
- Student data collection using Panorama Education completed late Fall 2015
- Shared best practices curated and shared between TST sites (and other 1:1 environments)

TST Sites:

Fowlerville Junior High (Fowlerville Community Schools) | Star Elementary (Hastings Area School System) | Superior Hills (Marquette Area Public Schools) | Shelby High School (Shelby Public Schools) | Stockbridge High School (Stockbridge Community Schools)





Targeted Site Transformation Activity Budget

Final Award:	Expenditures:	
	Salaries & Benefits	\$276,502
	Purchased Professional & Technical Services	\$221,945
	Travel	\$2,123
	Workshops & Conference	\$1,933
	Supplies/Materials	\$231,133
	Software/License	\$64,320
	Postage	\$973
	Printing	\$69
	Equipment	\$37,268
\$2,000,000	TOTAL:	\$836,266
	<i>Work Project</i>	<i>\$1,163,734.00</i>



Targeted Site Transformation

Next Steps for 2016-17:

- Continue to work with 2015-16 sites to collect data, best practices and provide professional development
- Implement network/wireless, classroom and mobile devices for 2016-17
TST Sites: Kuehn-Haven Middle School (Montrose Community Schools), Lakeview Elementary School (Negaunee Public Schools), Perry Middle School (Perry Public Schools)
- 1:1 (Mobile Device) Directory - work collaboratively with MDE, TRIG, etc. to organize a directory of mobile device adoption by school districts. The primary goal of this directory is to provide schools that are adopting mobile devices an opportunity to identify regional and/or local support
- 1:1 Best Practices - work collaboratively with WSTT, TST and other 1:1 schools to develop a best practices guide to help key considerations before adoption, during adoption and ongoing support
- 1:1 PD (EduPaths) - Using the model that EduPaths has built, TST can help identify and build resources for staff and admin as part of a 1:1 adoption



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
- 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 the IMC region
- Consortium leadership and coordination





IMC Budget

Final Award:	Expenditures:	
	Purchased Services (MAEDS, MACUL, & meeting expenses and coordination)	\$59,325
	Equipment for 1:1 Pilots	\$126,065
	Transfer Out (MAEDS and MACUL Scholarships for local staff attending conferences, advisory stipends, etc.)	\$24,260
\$209,650	Total:	\$209,650



IMC Consortia Cost Savings

Cost Savings:

- Support for LEA staff to attend MAEDS and MACUL
- Developed network for training ISD staff to support Technology Integration
- Enhanced collaboration between partner ISDs



IMC Leadership

Next Steps for 2016-17:

- 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”



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:

- Sessions on MI Open Book project offered through Mini-Workshops, MACUL Conference, and National Council for Social Studies Conference.
- Supported digital open resources for 4th, 5th, 6th grade Social Studies as well as HS Economics (August, 2015-present)
- Created digital open resources for 3rd grade, 7th grade, 8th grade Social Studies as well as HS United States History and HS Civics.





Assessment and Curriculum Budget

Awarded	Expenditures	
	Salaries	\$62,945
	Purchased Services	\$368,501
	Supplies	\$404
	Travel	\$3,342
	Equipment	\$341
\$600,000	Total:	\$435,533
	<i>Work Project</i>	<i>\$164,467</i>



Assessment and Curriculum Cost Savings

Activity	Cost Savings to Districts
Downloads for 2015-16 School Year: 92,252	\$8,298,067
Webinar Series	\$1,478,668
Webinar Series	\$17,300
TOTAL:	\$9,794,035

Cost Savings: **\$9,794,035.40** (*= number of downloads x the cost of a textbook)



Assessment and Curriculum

Next Steps for 2016-17:

- Completion of MI Open Book Social Studies materials for K, 1, 2, and High School World History
- Sustaining and maintaining original release materials (3-8, HS US, HS Civics, HS Econ)
- Investigation of next steps for future content areas



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 Rheume, 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:

- 5 Data hubs fully deployed and functional, with Ed-Fi 2.0 XML and API
- 5 of 6 SIS systems integrated
- 1 alert product certified for integration and several others in testing
- 20 districts live at EOY on 3 hubs
- Extensions created for MSDS, REP, FID and EEM
- Successfully piloted dynamic link to MDE/M-STEP test results for 3 districts
- SSO Integration for EUPISD region completed
- ROI Study completed showing potential of \$56M in savings on total cost of \$163M
- Numerous trainings and presentations for districts and support specialists
- Dashboards deployed in test environment and integrated with the SSO
- Sustainability plan created



Data Integration Budget

Final Award:	Expenditures:	
	Project Management and Admin	\$171,920
	Data Center Operations & Licensing	\$236,373
	District Training & Feedback/ROI Study	\$419,985
	Development Costs	**\$1,135,504
	Travel and Meetings	\$14,272
	Evaluation and Legal	\$21,946
\$2,000,000	TOTAL:	\$2,000,000

** This amount is reduced by \$11,123 in order to balance to the project budget. This will be sent as a check from KRESA to WMISD with year 4 funds once the final amount is verified.



Data Integration Budget

Activity:	Indirect Savings to Districts:	Direct Savings to Districts:
MSDF funded research and development for Profiles	\$500,000	
Estimated development work on Ed-Fi Base by the Ed-Fi Alliance in 2015-16	\$2,000,000	
Estimated development of Pennsylvania Early Warning System and Intervention Catalog being adopted	\$3,500,000	
Estimated development work of Delaware Early Learning Dashboard being adopted	\$2,000,000	
ROI Survey Incentive		\$419,985
TOTAL:	\$8,000,000	\$419,985



Data Integration Activity

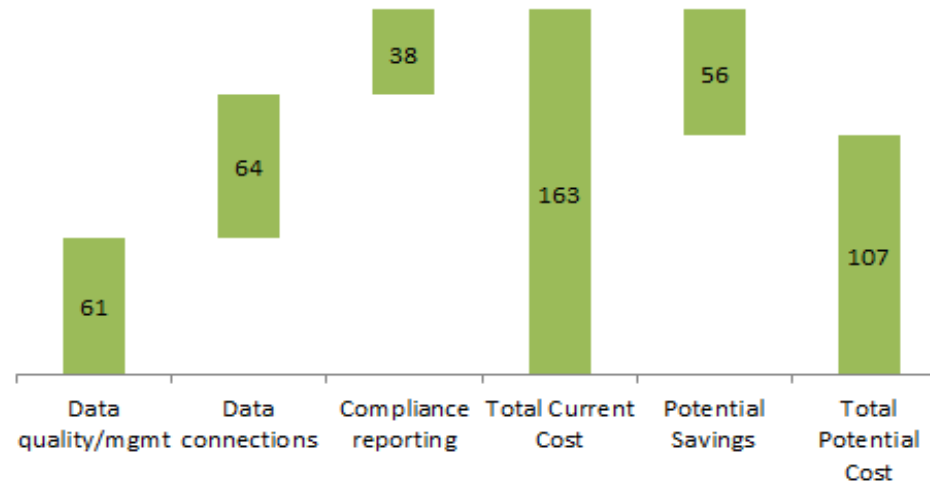
Activity:	Cost Savings to Districts:
MSDF funded research and development for Profiles	\$500,000
Estimated development work on Ed-Fi Base by the Ed-Fi Alliance in 2015-16	\$2,000,000
Estimated development of Pennsylvania Early Warning System and Intervention Catalog being adopted	\$3,500,000
Estimated development work of Delaware Early Learning Dashboard being adopted	\$2,000,000
TOTAL:	\$8,000,000
TOTAL:	\$8,000,000



Data Integration Activity

Cost Savings:

- \$419,985 provided to districts to offset completion of ROI Study information
- ROI Study estimates up to \$56M in annual savings when the data hubs are fully able to streamline all data connections and have maximal impact on data quality processes. Realistically, this is still 1-3 years from occurring to a significant degree.





Data Integration Activity

Next Steps for 4.0:

- Move towards 100% adoption
- Continued efforts to integrate top systems in all categories
- Pilot state reporting from data hubs
- Expand use of data hubs for MDE initiatives
- Expand SSO usage to other apps and including more local logins
- Establish secure funding for the future and ongoing governance
- Continue cultivating partnerships
- Continue promoting the Ed-Fi solution



TRIG Activity: E-Rate Activity

TRIG Project Coordinator for the Activity:

Ann-Marie Mapes

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: Wexford-Missaukee ISD

E-Rate

Advisory Committee Members:

- Josh Hayes, Wexford-Missaukee ISD
- Bill Thompson, Macomb ISD
- Jim Rarus, Wayne RESA
- Phil Carolan, Lenawee ISD
- Melissa Gillhooley, Eastern UP ISD
- Darren Schiltz, Dickinson-Iron ISD
- Sam Accorso, Van Buren ISD
- 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:

- RFP Internet and Transport
- Four On-Site E-Rate Trainings
- On Demand Technical Assistance and Webinars for EPC
- Weekly Calls with Consultants during E-Rate Window
- Creation of two-way E-Rate info listserv
- Pursuit of E-Rate Option with MISEN



E-Rate Activity Budget

Final Award	Expenditures	Amount
	Purchased Services	\$168,892
	FTEs & Additional Costs	\$48,000
\$ 350,000	Total Expended	\$243,758
<i>Work Project</i>		<i>\$106,242</i>



E-Rate Activity

Indirect Cost Savings to the Districts:

Activity	Cost Savings to Districts
Cost Savings (before E-Rate)	\$540,110
Training	\$100,000
Total Cost Savings	\$640,110
TOTAL Projected Cost Savings (before E-Rate)	\$962,176

***Only 46% of ISDs, 40% of LEAs reporting compared to prior year of 62% of ISDs, 71% of LEAs
133.93% Projected One Year Increase in Bandwidth MBPS**



E-Rate Activity

Next Steps for 4.0:

- Focused E-Rate training for consultants, consortiums, and applicants with on demand technical assistance for EPC
- Use data to provide targeted assistance to high need districts and libraries
- Communicate lessons learned from FY16 special construction RFPs and E-Rate application process
- Continued collaboration with MISEN, E-Rate Consultants, and libraries, to maximize Michigan's funding



TRIG Activity: Operations Office

TRIG Project Director: Dave Cairy

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: MAISA

TRIG Operations Office

TRIG Operations Team :

- Dave Cairy, TRIG Project Director
- Jan Vogel, TRIG Project Coordinator
- Summer Franck, TRIG Communications Assistant & Device Purchasing Coordinator
- Taylor Eastlund, Administrative Assistant & SRS Support
- Deb Kopkau, 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
- Worked with a Communications Advisory Committee with the assistance of Gerri Allen from MSPRA & members from the 5 consortia
- Updated and distributed the second TRIG infographic to demonstrate direct, indirect and value added to ISDs, LEA's and buildings
- Organized and facilitated meetings of the TRIG Steering Committee & the Activity Project Managers throughout the year
- Coordinated the quarterly and annual reports with the TRIG evaluators for the work of TRIG
- Maintained 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	\$615,385
	Administration	\$67,500
\$1,200,000	Total Expended	\$682,785
	<i>Work Project</i>	<i>\$517,216</i>



TRIG Operations Office

Indirect Cost Savings to the Districts

Activity	Cost Savings to the Districts
Meeting Room Savings	\$ 92,786.00
Registration Savings	\$ 10,800.00
Hotel Room Savings	\$ 7,776.00
TOTAL:	\$ 111,362.00



TRIG Operations Office

Next Steps for 3.0 Work Projects and 4.0:

- Continue to increase 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
- Support the Activity Project Managers with their sustainability plans



TRIG Activity: Strategic Readiness Support

TRIG Project Director: Tom Johnson

Consortium Leader: Intra-Michigan Consortium

Fiscal Agent: WMISD

Strategic Readiness Support

Advisory Committee:

- Dennis Buckmaster
- Jeff Mozdierz
- Lisa Lockman
- Linda Bielecki
- Brandi-Lyn Mendham
- Tim Davis
- Steve Schmunk
- Pete Poggione
- Keith Tramper
- Ronna Steel
- Karen Mlcek

Focus: Identify and support schools in need of assistance in becoming ready for online assessment, with a focus on sustainable support and strategic efforts.

Deliverables/Accomplishments:

- 13 of 16 phase one districts successfully test online, spring 2016
- Phase two district, Cheboygan, successfully tests online, spring 2016. (special MDE request support)
- Access to technology implementation analytics purchased on behalf of SRS schools.
- 14 local district and ISD staff from SRS district regions complete Instructional Technology Coach training.
- Criteria and application refined for phase three, applications in process.



Strategic Readiness Support Budget

Final Award	Expenditures	
	Project Management and Support Services	\$ 330,000
	Grants to Local Districts*	\$3,740,115
	Direct Purchases for Districts (PD and Data)	\$ 178,000
\$ 5,000,000	Total Committed	\$ 4,248,115
	<i>E-Rate Reimbursement Estimate</i>	<i>(\$ 1,131,413)</i>
<i>\$ 1,500,000 (federal revenue)</i>		
	Total Expended	\$2,241,075
	Work Project	\$2,758,925



Strategic Readiness Support

Cost Savings to the Districts

Activity	Cost Savings to Districts
Grant Expenditures by local districts	\$ 2,063,075
Anticipated E-Rate (federal revenue)	\$ 1,131,413
Direct Purchased Services (Data and PD)	\$ 178,000
TOTAL:	\$ 3,372,488



Strategic Readiness Support

Next Steps (work project):

- Districts in PI complete proposed projects, including:
 - Professional Development
 - Infrastructure purchases in conjunction with E-rate
 - Data analysis
- Project Manager and Consultant complete ongoing advising, and support
- Evaluation ongoing, including case study
- Phase III applications in consultation with SRS Staff – projects funded and implemented
- Phase IV funding identified, criteria set, applications and short cycle projects implemented Winter 2017



TRIG 3.0 Final Report

KENT

Grant Period: January 2015 to June 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:

The Kent ISD consortium leveraged TRIG consortium funding to complete projects that improve the accessibility, performance, and security of educational services.

- Local improvements and projects include:
 - Improved content filtering and reporting
 - Server upgrades for virtual environments
 - Improved network infrastructure (core switching and routing)
 - Improved network security





KENT ISD Consortia Budget

Final Award:	Expenditures:	
	MAEDS Conference	\$22,022
	Local Tech Projects	\$196,900
	Local AD Meeting Stipends	\$10,165
	Consortium Coordinator	\$42,783
	Misc. Expenses	\$5,215
\$278,327	Total:	\$277,083
		\$1,244



KENT ISD Consortium Leadership

Cost Savings:

- Direct cost savings through using consortium funds to enable training and projects:
 - Professional Development \$22,022
 - Technology Readiness Projects \$196,900
- Indirect cost savings
 - Coordination and dissemination of information across 122 school districts.
 - Increased utilization of EduPaths and MI Open Books through consortium leadership.



KENT ISD Consortium Leadership

Next Steps for 2016-17:

- Establish meeting schedule for 2016/2017
- Review/update consortium objectives
- Determine strategy for utilization of consortium funds



TRIG Activity: Michigan Technology Readiness Assessment Tool (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 and redevelopment of MTRAx application
 - MS SQL Server and .NET database and application framework
 - Improved user interface
- Provided end-user support for annual MTRAx data collection window, responding to approximately 400 help requests from users
- Continued technology planning process redesign work with the development of a Facilitation Guide for the new process



MTRAx Activity Budget

Final Award:	Expenditures:	
	MTRAx Redesign & Support	\$307,901
	Low Effort Data Collection Closeout	\$34,556
\$500,000	Total:	\$342,457
<i>Work Project</i>		<i>\$ 157,543</i>



MTRAx Cost Savings

Accumulative Cost Savings to Districts

Category	Costs: with Consortium	Costs: without Consortium	Savings
Technology Planning	\$103,320	\$289,296	\$185,976
MTRAx Redesign	\$51,660	\$144,648	\$92,988
TOTAL:			\$278,964

*all cost savings are indirect



MTRAx

Next Steps for 2016-17:

- Additional MTRAx development for:
 - CSV import functionality for testing locations and devices
 - Readiness report enhancements
- End user support for continued data collection
- Continued work developing the new technology planning process



Consortium: Rural Northern Michigan

Fiscal Agent: Copper Country ISD

Consortium Leaders on the TRIG Steering Committee:

Michael Richardson, Copper Country ISD/REMC1

Tim Davis, Charlevoix-Emmet ESD

RNM

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:

- Dissemination of TRIG information to LEAs regarding TRIG activities
- Assistance to LEAs in data collection for MDE
- Guidance to the local school districts in device purchasing, filling out MTRAx data, and encouragement of district participation in the Data Hubs as a part of TRIG
- Coordinating connections to the State Educational Network
- Completion and support of Data Collaborative PD offerings
- Support of regional collaborative organization membership





RNM Consortia Budget

Final Award:	Expenditures:	
	Stipends to each ISD to support TRIG activities and PD (50/50 split based on per ISD and per FTE)	\$45,139.04
	Data Collaborative project PD extensions	\$1,820.18
	Travel costs	\$245.74
	Collaborative organization membership fees (on behalf of the 10 ISDs)	\$51,389.04
	Stipends for advisory and board representation	\$52,750.00
\$151,344	Total	\$151,344



Cost Savings:

- TRIG 3.0 – we did not have a face-to-face meeting, all meetings were virtual
 - Virtual Meetings: Zero Cost, utilizing Google Hangout
 - 11 meetings of 10 ISDs with an average distance of 160 miles = 17,600 miles and 290 hours drive-time saved



RNM Consortia

Next Steps for 2016-17:

- Continue to meet on topics relevant to technology in our region.
- Continue to collaborate on projects related to technology and our greater broadband consortium.
- Continue to explore sustainability models.



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
- Mike Schonert- 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 2015 bid cycle including purchase window from 4/15/2015 – 9/30/2015, calculation of incentives, evaluation and final data
- Completed the following steps for the Spring 2016 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 8/15/2016 for incentives and through 10/15/2016 for discounts only)





Device Purchasing Activity Budget

Final Award:	Expenditures:	
	Incentive Funds	\$6,000,000
\$6,000,000	Total:	\$6,000,000



Device Purchasing Cost Savings

Cost Savings to the Districts

Activity:	Cost Savings to the Districts:
Vendor Discounts on Devices	\$34,188,579
Incentive Funds	\$6,194,314
Value-Add Professional Development	\$980,712
Total:	\$41,363,605

174,763 Devices purchased by 460 ISDs and districts (LEAs / PSAs)



Device Purchasing Next Steps

Next Steps for 4.0:

- Complete the 2016 purchase window (October 15, 2016)
- Calculate incentives per district (September – November 2016)
- Distribute incentive checks (November 2016)
- Distribute survey for final feedback (November – December 2016)
- Plan and execute value-add Professional Development (September 2016 – September 2017)



TRIG 3.0 Final Report

SWM

Grant Period: January 2015 to June 2016



Consortium: Southwest Michigan

Fiscal Agent: Kalamazoo RESA

Consortium Leaders on the TRIG Steering Committee:

Tom Harwood, Kalamazoo RESA

Brian Schupbach, Kalamazoo RESA

Southwest Michigan Consortia

Advisory Committee Members:

- Tom Harwood - KRESA
- Brian Schupbach – KRESA
- Kevin Bullard – KRESA
- Tina Tribu – KRESA
- Sam Accorso – Van Buren ISD
- Ben Daugherty - SJCISD
- Cindy Latta-Larsen – Barry ISD
- Kevin Clark – Berrien RESA
- Randy Gross – Dowagiac Union Schools
- Dirk Bradley– KRESA
- Don Dailey – KRESA
- Joe Rommel – Berrien RESA
- Melissa Tront – SJCISD
- Keith Tramper – KRESA
- James Weiss – Schoolcraft
- Gayle Underwood – AAESA
- Pete Poggione – Mattawan Consolidated Schools

Deliverables/Accomplishments:

- Dedicated TRIG PM facilitated 9 consortia meetings and was a conduit between TRIG and LEAs/ISDs.
- Consortium leadership and coordination
- Continued technology collaboration consortium
- Natural channel for sharing information from LEAs/ISDs to TRIG Leadership.
- Instructional Technology coaches available throughout our SWMI region.
- Support and information sharing that included E-Rate, M-STEP, and MTRAx
- Assisted LEAs with TRIG application process, MTRAx completion, and M-STEP preparation.



SWM Consortia Budget

Final Award:	Expenditures:	
	Contracted Instructional Technology Coaches	\$20,000
	Leadership (PM, Director, Instructional Technologist)	\$120,556
	Stipends	\$26,000
	Supplies	\$5,000
	Travel	\$5,000
\$176,556	Total:	\$176,556



SWM Consortia Cost Savings

Cost Savings:

- Contracted Instructional Technology coaches – \$20,000
- Reimbursements for participation on Activity Advisory Committee - \$26,000



SWM Consortium

Next Steps for 2016-17:

- Southwest Michigan TRIG Project leadership (Brian, Kevin, Tom) will continue to meet virtually each month and maintain representation from the entire 7 county southwest Michigan consortium. The new mission will be to “Educate/Facilitate adoption of statewide activities in our LEA’s”.
- Continued leadership on activity participation within our TRIG region
- Collaborative opportunities at multiple stakeholder meetings throughout Southwest Michigan including (Business officials, Technology Directors, etc.)
- Continued support with MTRAx, E-Rate, and other TRIG related actions.



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

Advisory Committee Members:

No formal Advisory Committee

Sub Grantees :

Wexford Missaukee ISD

Mecosta Osceola ISD

Kalamazoo RESA

Genesee ISD

Deliverables/Accomplishments:

- Review team with participation from TRIG Office & MDE awarded 5 grants over the course of two different 4 review sessions.
- The awards were for either new collaborative efforts or projects continuing from year 1 of DSC and focused on establishing statewide pricing for technology solutions, standardizing pupil accounting processes, developing statewide assessments, enhancing systems district staff utilize daily.
- As of July 1, 2016, two grants have completed their projects (Edify & MiCase)
 - Wexford Missaukee ISD -Green Pupil Accounting
 - Wexford Missaukee ISD - Science Assessments
 - Mecosta Osceola ISD - Edify
 - Kalamazoo RESA- MiCase
 - Genesee ISD - Collaborative Purchasing



Data Services Collaborative Activity Budget

Final Award:	Expenditures:	
	Supplies	\$8,500
	Travel	\$9,000
	Support Services (Evaluation, Director, PM)	\$114,743
	Payments to grantees	\$2,117,757
\$2,250,000	Total:	\$2,250,000



Data Services Collaborative Cost Savings

Cost Savings:

Cost Savings will be included in final report which should be available June 2017 upon the completion and final evaluation of all awarded grants.



Data Services Collaborative Next Steps:

- Continue monitoring and evaluating the successful completion of remaining grants by June 30, 2017 with on site visits and presentations.
- Continue to market the deliverables when opportunities present themselves. Example: MSBO, MACUL, etc.
- Grant evaluator & KRESA will continue providing quarterly reports to TRIG Auditors, MDE, and KRESA.
- Upcoming grant related activities detailed below:

Science Assessment:

- August 2016 writing days with future statewide implementation dates.

Green Pupil Accounting:

- Sharing the Green Audit setup with other districts in the State of Michigan.
- Scheduling a MPAAA session at the MPAAA Conference
- Create a review process of the Green Audit that allows auditors and districts to continue using this setup as the Pupil Accounting Auditing changes.

MiCase:

During July 2016 7 more schools/districts will be added, and in August up to 7 more districts will implement the MI Suite software

Technology Collaborative:

Future bids will be developed based upon feedback from multiple stakeholder groups such as MSBO, Curriculum staff, etc.

Edify:

Teacher gamification and Teacher PD are the two project items that have been delayed (August 2016 completion) due to server issues at Edify

Edify is waiting for the 4th MI Open Book to be uploaded and accessible. Edify will continue incorporating the Open Book as it becomes available and has been vetted