

Technology Readiness Infrastructure Grant

2013-2014 Annual Report



Empower every student in Michigan to excel at next generation assessments, to leverage technology for learning, and to achieve lifetime success in a global economy.



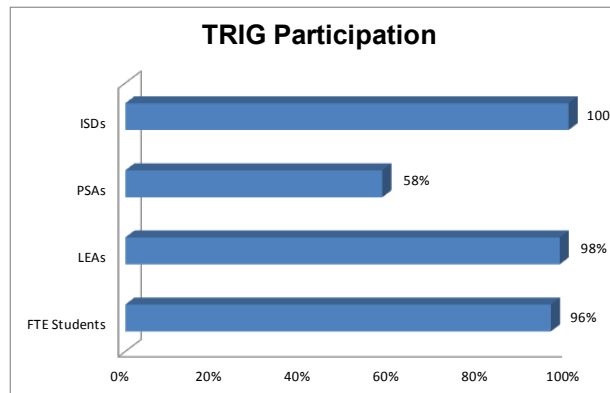
Technology Readiness Infrastructure Grant

Executive Summary

The Technology Readiness Infrastructure Grant (TRIG) has three purposes:

1. Develop and implement purchasing of statewide network services and personal learning and assessment devices
2. Establish sustainable, cost-effective collaborations of technology and data services to assist schools and districts in becoming test ready
3. Build the capacity of educators at intermediate school districts (ISDs), local school districts (LEAs), and public school academies (PSAs) to plan and implement online testing and learning

In its first year of operation, TRIG served 1,469,254 Michigan students through participating ISDs, LEAs, and PSAs.



These high participation rates are a result of the TRIG statewide organizational structure of five consortia that disseminate information about TRIG and support the implementation of TRIG Activities. The seven TRIG Activities are:

- Statewide Educational Network (SEN)
- E-Rate
- Device Purchasing
- Data Systems Integration
- Michigan Technology Readiness Assessment Tool (MTRAx)
- Classroom Readiness
- Assessment and Curriculum

Significant direct savings to the participating districts include:

- ⇒ \$14,692,246 in participation funds
- ⇒ \$5,003,590 through SPOT bids for device purchasing
- ⇒ \$1,523,674 to support involvement in the Classroom Readiness Activity

In summary, participating school districts received \$21,219,510 through TRIG.



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Statewide Cost Savings to the Participating Districts

In addition to receiving \$21,219,510 directly through participating in TRIG, the school districts also realized \$16,999,915 in savings for services, devices, and professional development:

- ⇒ \$480,000 for consortia to support districts
- ⇒ \$1,501,615 as a result of E-Rate, and the districts were able to expand their bandwidth by 240%
- ⇒ \$145,000 by Data Systems Integration planning, vendor donations, development, and training

- ⇒ \$413,280 savings in planning through MTRAx
- ⇒ \$2,509,500 for the equivalent of a three-credit course for 1673 teachers taking the T3 Classroom Readiness course
- ⇒ \$10,247,472 through Device Purchasing discounts and professional development
- ⇒ \$851,394 savings for presenters, registration, and cost of substitutes and travel for Assessment and Curriculum webinars
- ⇒ An additional \$18,501,693 is to be spent for building the SEN.

2013-2014 Steering Committee

Representatives of the five consortia serve on the Steering Committee which advises the TRIG Operations Office and monitors the Activities.

Greater Michigan Education Consortium (Genesee ISD)

Luke Wittum
Tammy Evans

Rural Northern Michigan Consortium (Copper Country ISD)

Tim Davis
Mike Richardson

Kent ISD Consortium

Glen Finkel
Phil Carolan

Southwest Michigan Consortium (Kalamazoo RESA)

Brian Schubach
Holly Norman

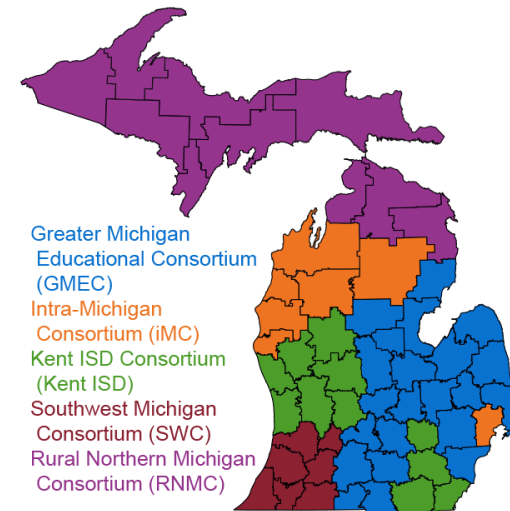
Intra-Michigan Consortium (Wexford-Missaukee ISD)

Lisa Lockman
Tom Johnson

Non-voting Members

Michelle Johnston, Evaluation Consultant
Karen Mlcek, Evaluation Consultant
David E. Schulte, MAISA Representative
Linda Forward, Michigan Department of Education
Amanda Stoel, Michigan Department of Education
Michelle Ribant, Michigan Department of Education

TRIG Consortia



2013-2014 Project Managers

Although all the Activities are interrelated and work together to promote the success of TRIG, each Activity has a specific focus with deliverables. The Project Managers (PMs) oversee the implementation of the TRIG Activities.

Focus	Activity	Project Managers
Connectivity	Statewide Education Network MISEN	David Childs
Collaboration	Data Systems Integration Device Purchasing E-Rate	Donald Dailey Karen Hairston William Thompson Josh Hayes
Professional Learning	Michigan Technology Readiness Assessment (MTRAx) Classroom Readiness Assessment and Curriculum	Matthew Lindner Melissa White Amber Kowatch

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Communication

TRIG had the opportunity to communicate with educators in Michigan through:

1. 22iTRIG.org
2. Weekly Updates
3. Mini workshops
4. Participation at professional conferences
5. Talking points customized for superintendents, business managers, technology directors, teachers, and curriculum directors

Process

1. Developed a vision and strategic plan
2. Facilitated planning for the Data Services Collaborative
3. Structured governance through the Steering Committee and Consortia
4. Formed collaborations



Cost Efficiencies

1. Device Purchasing savings, incentives, and value-adds
2. Purchasing three to five times more bandwidth with no increase in costs
3. Data Systems Integration leveraged vendors, development, and funds
4. Districts received the equivalent of \$38,219,416 in direct funds and indirect savings



Impact

1. Serving 96% of Michigan students
2. 3846 teachers enrolled in the T3 course
3. 118,065 devices purchased through Device Purchasing for online testing
4. 78% of schools and 48% of districts are test ready
5. 4049 educators viewed Assessment and Curriculum webinars

Vision for the Future

1. SEN is creating a statewide network through regional collaboration
2. Data Systems Integration will scale up from serving 72,389 students to 280,000 through its pilots
3. MTRAx is aligning the technology process
4. TRIG is working with educators to shift instructional practice for successful online testing

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TRIG Operations Office

The TRIG Operations Office sets the vision for TRIG and coordinates the communications throughout the state. Members of the TRIG Operations Office publish weekly updates, organize workshops, present at conferences, facilitate informational meetings, and provide outreach to Michigan educational agencies. Through its outreach, the TRIG Operations Office establishes partnerships with organizations representing the Michigan educational leaders.

TRIG Operations Office

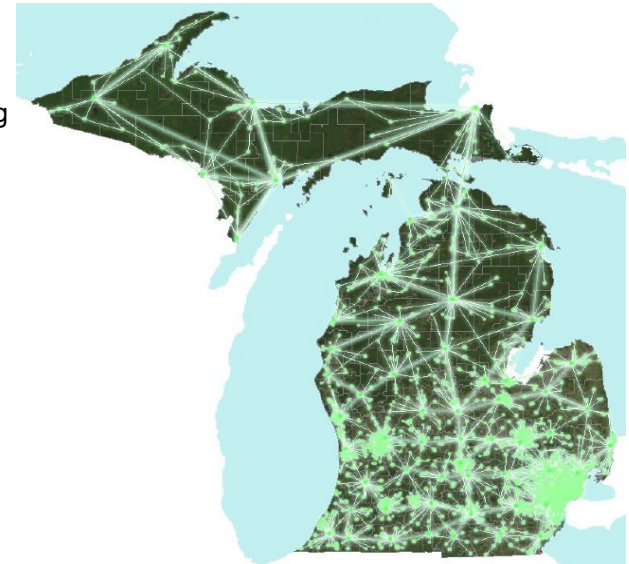
Tim Hall	Project Director
Jan Vogel	Project Coordinator
Deb Kopkau & Dan Pappas	Conference/Communications Coordinators
Summer Franck	Communications Assistant/Device Training Coordinator
Kristin Margelot	Project Assistant
Pete Everson	TRIG Consortium Facilitator



TRIG Activities

The seven TRIG Activities are organized around three categories: connectivity; collaboration; and professional learning.

Statewide Education Network (SEN), unique to Michigan, is completing its mapping project through which it is verifying links and nodes between schools, local educational agencies (LEAs), public school academies (PSAs), and intermediate school districts (ISDs). It is now designing the network, which when complete, can provide all schools with access to a secure network which is needed for online testing.



Proposed SEN Network

MISEN (www.misen.org), a non-profit entity, was established to ensure the sustainability of SEN . The initial design and building of the network will be carried out in the 10 regions represented by the MISEN Board of Directors.

Device Purchasing facilitates purchasing devices at lower costs for districts through a statewide bidding process. Districts in all 56 ISDs participated in the Device Purchasing Activity, and received incentives and vendors' value-added offers, including free professional development and devices for community constituents. Direct savings to the districts amounts to \$15,534,369, including devices, incentives, and value-adds.

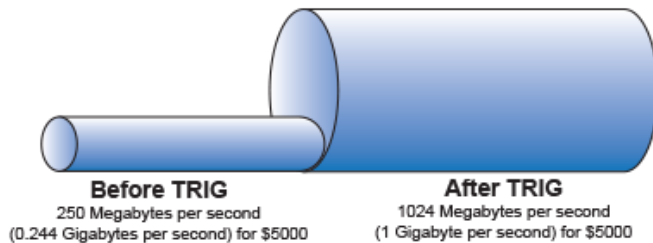
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Data Systems Integration is building the data infrastructure that is needed to support online assessments. This infrastructure established 26 pilot districts and six pilot data hubs using five student information systems (SIS) to serve 72,389 students this year, and approximately 280,000 next year. Educators will have immediate access to accurate student data that they can use for instructional decision making.

E-Rate makes the process for filing easier and reduces the cost of bandwidth. During the 2013-2014 academic year, schools reported purchasing three to five times more bandwidth without any increases in costs. To support online testing, schools need more bandwidth. According to a survey of technology directors, they experienced a savings of \$1,501,615 with a 240% increase in bandwidth. A consortium reported doubling the bandwidth with no increase cost.



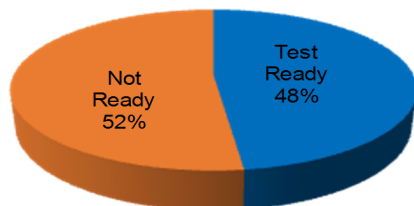
MTRAx is a powerful tool for assessing technology readiness and technology planning. Two hundred technology plans were sent through MTRAx to the Michigan Department of Education (MDE). It also found that 48% of the districts and 78% of the schools are test ready. Presently, it is focusing on refining its processes and developing a student competencies checklist which is important to ensure that all students can succeed using online testing.

Classroom Readiness designed and offered an online course (T3) for teachers in which they received assistance with trained coaches and regional coordinators. This year, 3476 teachers started the T3 course in 120 buildings, and 380 teachers participated in building-level coaches training for next year.

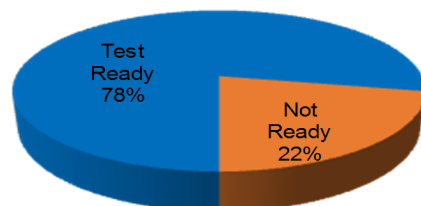


Assessment and Curriculum had originally planned to offer five webinars to approximately 1600 educators. By the end of the year, Assessment and Curriculum offered six webinars which were viewed by 4049 educators across Michigan.

Districts



Schools



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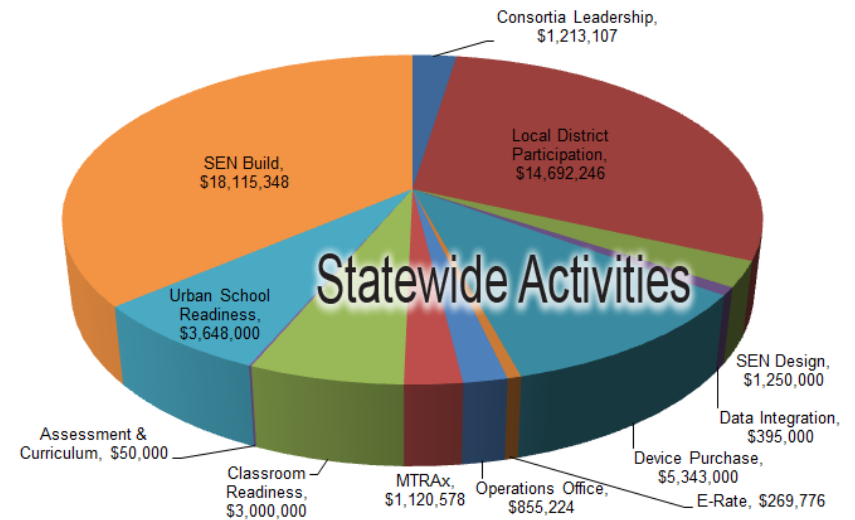


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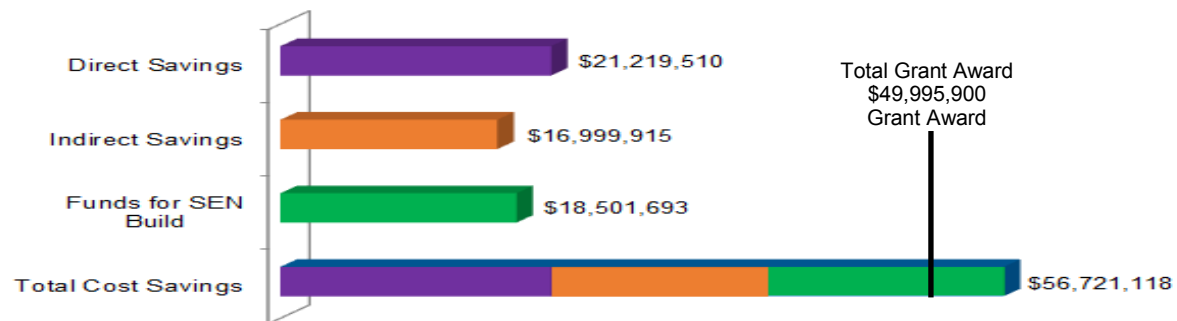
Final Award

TRIG 1.0 - 2012-2013 Final Award			
			Final Award
Category One:	District Participation		\$ 14,692,246.00
Category Two/Four:	Consortium Leadership		\$ 1,213,154.00
Category Three:	Statewide Activities		
	Genesee ISD	SEN Design & Build	\$ 1,250,000.00
	Wexford-Missaukee	Data Integration	\$ 395,000.00
	Cooper Country	Device Purchase	\$ 343,000.00
	Wexford-Missaukee	E-rate	\$ 269,776.00
	Wexford-Missaukee	Operations Office	\$ 855,224.00
	Kent ISD	MTRAx	\$ 1,164,152.00
	Genesee ISD	Classroom Readiness	\$ 3,000,000.00
	Wexford-Missaukee	Assessment and Curriculum	\$ 50,000.00
	EAA/DPS/Wayne RESA	Urban School Readiness	\$ 3,648,000.00
Category Five:	State Education Network	SEN Build	\$ 18,115,348.00
Incentive:		Incentive - Device Purchasing	\$ 5,000,000.00
Total:			\$49,995,900

Final Expenditures



Statewide Cost Savings



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