TECHNOLOGY PROJECTS OVERVIEW

LEANWI Partnership, Collaborative Projects, and Core Infrastructure Support

LEAN WI Core Infrastructure

Our colleagues at South Central Library System (SCLS), hosting partners with the LEANWI partnership for collocated Backup and Digital Archiving appliances and services, initiated the extension process with Dell in mid-September to extend maintenance for the final serviceable period from mid 2025 – mid 2026. Quotes were in review mid-September, the last update we received.

Under the governance of WPLS, efforts are underway to investigate and prepare for the next lifecycle(s) of these two multi-system collaborations. Operational Backup services and Digitization Archival supporting services, originally comingled but then distinguished as two separate services, will likely be completely split in the next lifecycle.

The TEACH Network migration continues with 49 of 83 endpoints completed in the LEAN WI footprint. TTU events are largely successful once started now, though many of them still take longer than anticipated due to minute issues that manifest case by case within the complexity of the comingled BadgerNet and TEACH Network fabrics.

Organization	Customer Name:	(TTU Complete?)
Indianhead Federated Library System	Baldwin Public Library	Yes
Indianhead Federated Library System	Balsam Lake Public Library	Yes
Indianhead Federated Library System	Boyceville Public Library	Yes
Indianhead Federated Library System	Bruce Public Library	Yes
Indianhead Federated Library System	C.A. Friday Memorial Library	Yes
Indianhead Federated Library System	Cameron Public Library	Yes
Indianhead Federated Library System	Centuria Public Library	Yes
Indianhead Federated Library System	Clear Lake Public Library	Yes
Indianhead Federated Library System	Cornell Public Library	
Indianhead Federated Library System	Ellsworth Public Library	Yes
Indianhead Federated Library System	Ellsworth Public Library	N/A
Indianhead Federated Library System	Elmwood Public Library	

Indianhead Federated Library System	Frederic Public Library	**Yes**
Indianhead Federated Library System	G E Bleskacek Mem Lib	
Indianhead Federated Library System	Glenwood City Public Library	**Yes**
Indianhead Federated Library System	Hammond Community Library	
Indianhead Federated Library System	Hazel Mackin Community Library	**Yes**
Indianhead Federated Library System	Hudson Public Library	**Yes**
Indianhead Federated Library System	Indianhead Federated Library	**failed - reschedule last**
Indianhead Federated Library System	Luck Public Library	
Indianhead Federated Library System	Menomonie Public Library	**N/A**
Indianhead Federated Library System	Milltown Public Library	**Yes**
Indianhead Federated Library System	Pepin Public Library	
Indianhead Federated Library System	Phillips Public Library	
Indianhead Federated Library System	Plum City Public Library	
Indianhead Federated Library System	Prescott Public Library	**Yes**
Indianhead Federated Library System	River Falls Public Library	**Yes**
Indianhead Federated Library System	Somerset Public Library	
Indianhead Federated Library System	Spring Valley Public Library	
Indianhead Federated Library System	Woodville Community Library	
Northern Waters Library Service	Bayfield Carnegie Library	**Y**
Northern Waters Library Service	Ben Guthrie/Lac Du Flambeau Public Lib	**Y**
Northern Waters Library Service	Boulder Junction Public Library	**Y**
Northern Waters Library Service	Drummond Public Library	**Y**
Northern Waters Library Service	Eleanor Ellis Public Library	**Y**
Northern Waters Library Service	Evelyn Goldberg Briggs Memorial Library	**Y**
Northern Waters Library Service	Forest Lodge Library	**Y**
Northern Waters Library Service	Grantsburg Public Library	**Y**
Northern Waters Library Service	Hurley Public Library	**Y**

Northern Waters Library Service	Imogene McGrath Memorial Library	Y
Northern Waters Library Service	Joan Salman Memorial Library	Y
Northern Waters Library Service	Koller Memorial Library	Y
Northern Waters Library Service	Land O' Lakes Public Library	Y
Northern Waters Library Service	Larsen Family Public Library	
Northern Waters Library Service	Legion Memorial Library	Y
Northern Waters Library Service	Madeline Island Public Library	Y
Northern Waters Library Service	Mercer Public Library	Y
Northern Waters Library Service	Northern Waters Library Service	
Northern Waters Library Service	Olson Mem Library	Y
Northern Waters Library Service	Plum Lake Women's Club Library	Y
Northern Waters Library Service	Presque Isle Public Library	Y
Northern Waters Library Service	Shell Lake Public Library	
Northern Waters Library Service	Sherman & Ruth Weiss Community Library	
Northern Waters Library Service	Spooner Memorial Library	Y
Northern Waters Library Service	Superior Public Library	Y
Northern Waters Library Service	Vaughn Public Library	FAIL (EVC Provision/VLAN issue)
Northern Waters Library Service	Washburn Public Library	Y
Northern Waters Library Service	Winchester Public Library	Y
Northern Waters Library Service	Winter Public Library	
Wisconsin Valley Library Service	Abbotsford Public Library	FAIL (EVC Provision/VLAN issue)
Wisconsin Valley Library Service	Antigo Public Library	Y
Wisconsin Valley Library Service	Colby Public Library	Circuit not provisioned - reschedule
Wisconsin Valley Library Service	Crandon Public Library	FAIL (no DTAC)
Wisconsin Valley Library Service	Dorchester Weix Memorial Library	
Wisconsin Valley Library Service	Edith Evans Community Library	
Wisconsin Valley Library Service	Edward U Demmer Memorial Library	Y
Wisconsin Valley Library Service	Elcho Branch Library (Antigo PL)	Y
Wisconsin Valley Library Service	Greenwood Public Library	Y

Wisconsin Valley Library Service	Jean M Thomsen Public Library	Y
Wisconsin Valley Library Service	Loyal Public Library	Circuit not provisioned - reschedule
Wisconsin Valley Library Service	Medford Free Public Library	Y
Wisconsin Valley Library Service	Minocqua Public Library	Circuit not provisioned - reschedule
Wisconsin Valley Library Service	Neillsville Public Library	
Wisconsin Valley Library Service	Owen Public Library	Y
Wisconsin Valley Library Service	Rhinelander District Library	Circuit not provisioned - reschedule
Wisconsin Valley Library Service	Rib Lake Public Library	
Wisconsin Valley Library Service	T B Scott Free Library	Y
Wisconsin Valley Library Service	Thorp Public Library	
Wisconsin Valley Library Service	Tomahawk Public Library	Y
Wisconsin Valley Library Service	Wabeno Public Library	Y
Wisconsin Valley Library Service	Westboro Public Library	
Wisconsin Valley Library Service	Western Taylor Co Library	
Wisconsin Valley Library Service	White Lake Branch Library (Antigo PL)	FAIL (no tech)
Wisconsin Valley Library Service	Wisconsin Valley Library Service	Circuit not provisioned - reschedule
Wisconsin Valley Library Service	Withee Public Library	

In June, TEACH announced that all sites that currently receive service less than 100 Mbps will be upgraded to 100Mbps synchronous service, pending complete migration. This will likely need to correspond to adjustments on the LEANWI WAN fabric to WVLS head-end circuit speeds or to finally implementing the merger of the WVLS head-end with primary "LEANWI" head-end circuit IFLS and NWLS are currently merged into. Partners are seeing some of the migrated sites realizing 100Mbps speeds.

LEAN WI Service Explorations
Last fall, LEAN WI partners began exploring a relationship with a new Microsoft Licensing vendor due to struggles with responsiveness from our current vendor, to better understand program renewal and new procurement options. After much back and forth, and another change up of our primary account rep, we were able to work with our current MS licensing vendor to renew existing licensing for another 36-month period before the end of the previous term (June 30, 2024).   We are starting the review process with our current vendor and will continue to investigate and prepare for the inevitable program migration. We also continue to monitor our Microsoft 365

tenancy, also currently under an academic program, for indications of the initiation of a mandatory migration to the charity program (e.g. for non-profits).

At the recent WPLC Technology Community of Practice meeting in mid-June, participants discussed challenges with large scale email sending, namely from ILS applications for patron notices, related to recent mas-email related security initiatives by global providers Google and Yahoo. The LEANWI Partnership announced in April that it has begun reviewing Faronics Deep Freeze licensing and intended to be engaging with Faronics reps during late Spring or the Summer of 2024, and reminded the group of that effort and the opportunity for a broader multi-system collaboration. The LEANWI five-year maintenance term with Faronics expires in November 2025. Given other systems' past indications of significantly increased costs, we want to get in front of our own renewal early enough to have time to review alternative options and potentially migrate away from Faronics Deep Freeze if cost increases prove prohibitive. We also want to increase awareness of our project among our peers and maximize the possibility for additional licensing pool mergers with other systems to reduce duplications of effort and increase our collective economy of scale.

LEANWI Partners intend to reboot and complete the development of an erate Consortium Entity within the Erate Productivity Center (EPC), modeling the approach the TEACH program uses to manage a several hundreds large "BadgerNet" consortium for schools and libraries in the state. The initial purpose for this consortium profile will be to support a joint consortial application to e-rate for member libraries that host mobile hotspot lending services. It will take time to complete the consortium and attach all initially interested members, so the partners are also looking to finalize a proposal for a plan which will help bridge the LSTA supported services (2024) and erate supported services (sometime after 2024) by modeling an approximately 75% funding support for hotspot services for up to one year after December 2024, until erate applications can be made and we know if those applications will be awarded for ongoing, long-term support.

Grants - 2024-2025 LSTA
$77,028 was awarded in aggregate to the LEANWI Partners under the newly named LSTA Core Servers channel. While it is nice to think that DPI adopted naming based on the LEANWI "Core Services" terminology, it is a common concept and naming convention and makes sense. $10,784 of this is already committed to the continuation support for Kajeet Hotspots through the end of 2024. $49,200 is expressly designated within the LEANWI 2025 proposed budget plan to support LEANWI tenancy for rack 1, through WiscNet, at the Chippewa Valley Technical College (CVTC) Regional Datacenter (RDC), to support a potentially significant increase above planned 5-year Faronics licensing renewal expenses, and to help offset Pharos and Splashtop licensing/subscription expenses. Approximately $17,043 remains undesignated in the budget.   LEANWI partners have begun exploring options for bridge funding support of mobile hotspot data plans between December 2024 and a functional implementation of an erate consortium management service, and may look to leverage LSTA funds directly, or for LSTA to support other eligible projects allowing for the use of local funds to support that effort.

Grants - 2025-20?? CPP
The LEANWI partnership has determined that CIPA certification requirements necessary for libraries to participate in the federal Cybersecurity Pilot Program (CPP) make any system-managed project untenable.