



DoIT E-RATE CONSORTIUM

WELCOME

The background of the image is a blurred scene of a stage or auditorium. At the top, there are numerous out-of-focus spotlights in various colors including white, blue, green, and red. Below the lights, a dark blue haze or smoke fills the air. In the foreground and middle ground, rows of dark-colored chairs are visible, suggesting an audience. The overall atmosphere is that of a professional event or presentation.

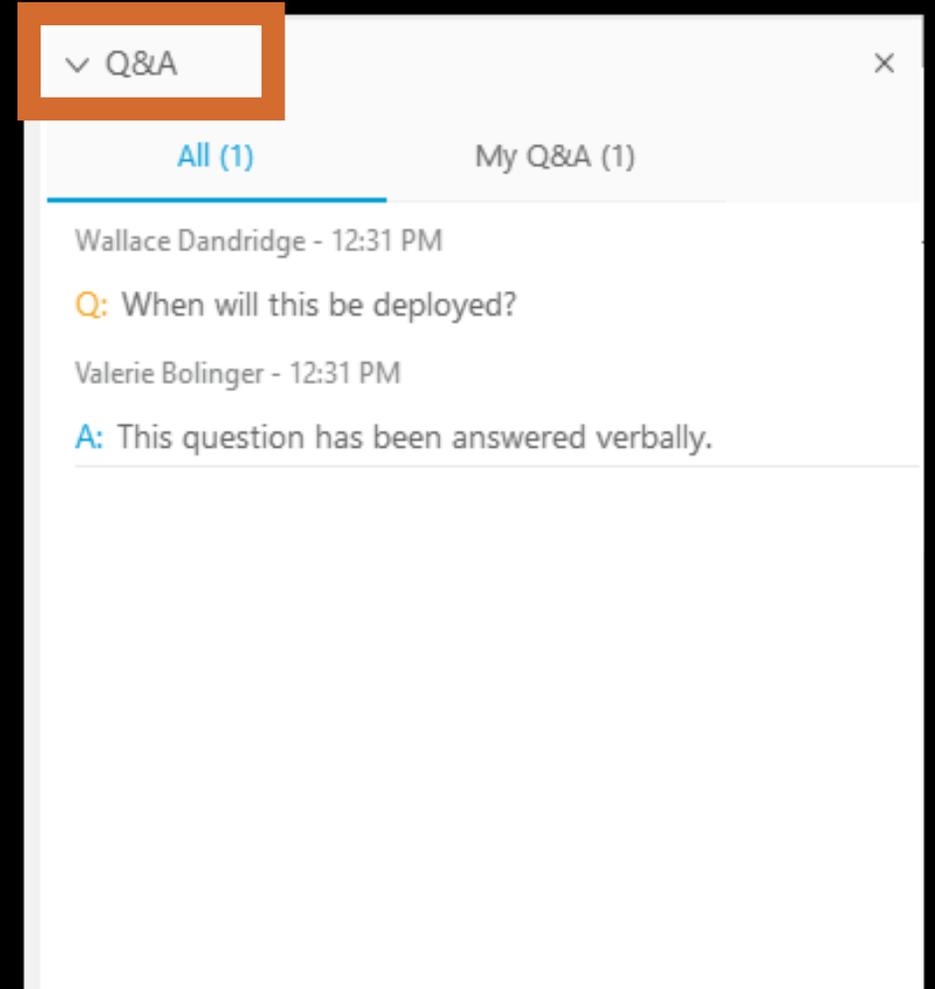
SIT BACK AND
ENJOY THE WEBINAR

SIT BACK AND ENJOY THE WEBINAR

You will have an opportunity to ask questions by typing them into a Q & A box that appears in the lower right hand of the Webex screen.

If you would like to ask your question verbally, please input **“I have a question”** in the Q&A box and we will unmute you.

The host and panelists will verbally answer the questions as time allows.





hello

MY NAME IS

INTRODUCTIONS

DALE WALTERS, CHIEF OF NETWORK OPERATIONS



INTRODUCTIONS

- Robin Woodsome, ICN Field Operations Manager
- Frank Walters, ICN Network Architect
- Andre Bouravnev, ICN Supervisor
- Essam El-Beik, K-12 Project Lead
- Tom Oseland, DoIT E-rate Consultant
- Mindy Fiscus, LTC E-rate Coordinator
- Erich Grauke, ISBE Principal Consultant
- Kim Friends, CSM Consulting E-rate Consultant

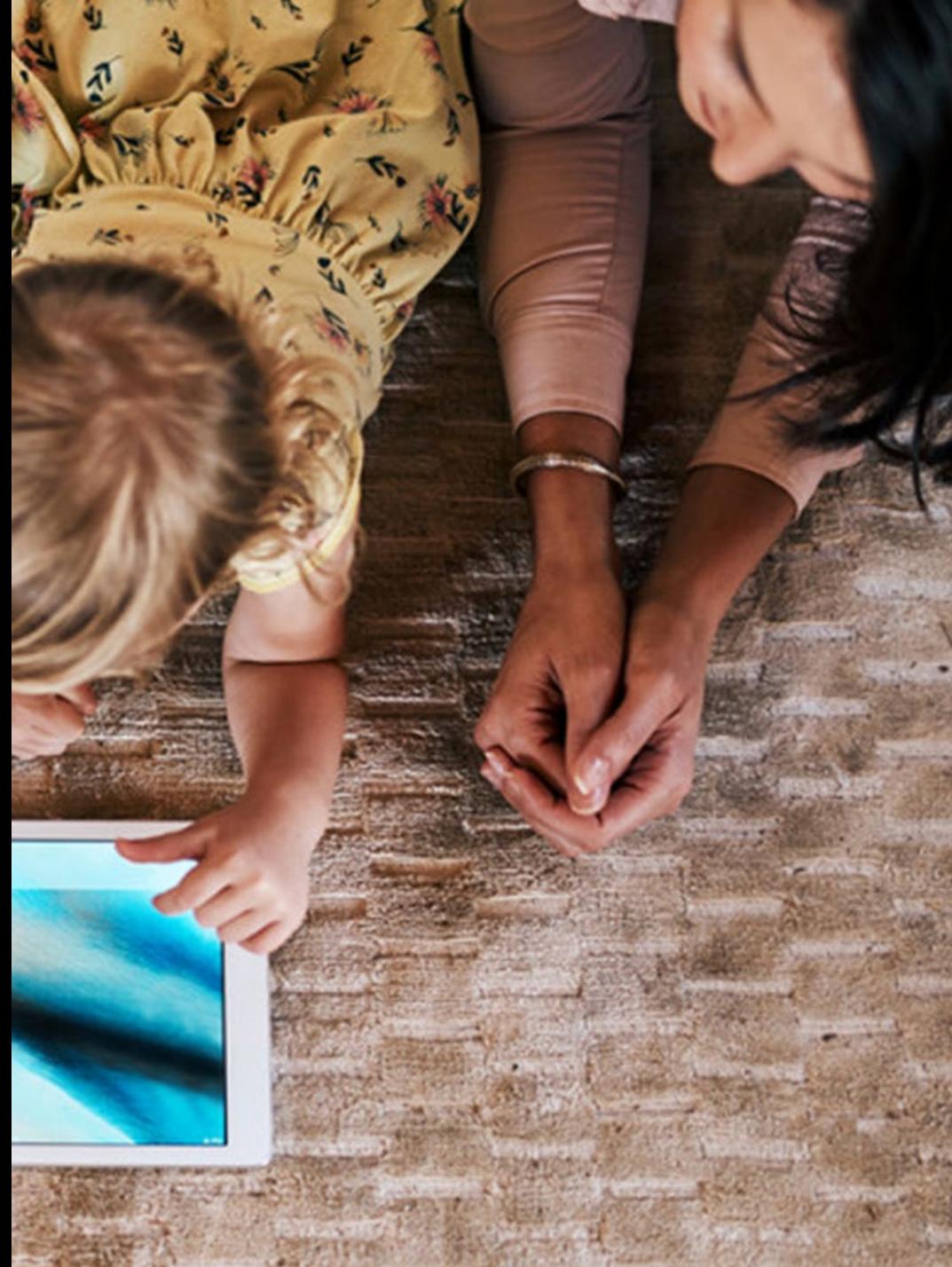


CONNECT ILLINOIS

DALE WALTERS, CHIEF OF NETWORK OPERATIONS

CONNECT ILLINOIS

- Telehealth
- Education
- Economic Development
- Agriculture





K-12 BROADBAND NETWORK

DALE WALTERS, CHIEF OF NETWORK OPERATIONS

K-12 BROADBAND NETWORK



- Removes barriers limiting access to secure Internet bandwidth essential in today's digital learning environment
- Key objective is to ensure every Illinois K-12 public school has sufficient and secure Internet access to meet the needs of their students

BACKGROUND

ESSAM EL-BEIK, K-12 PROJECT LEAD

BACKGROUND

- DoIT Consortium created July 2019
- Secure Internet and Broadband Connectivity
(at no charge)
- 532 Letters of Agency Received from Illinois E-rate eligible entities
- Circuit information received from 373 entities
- 3 solicitations issued in association with E-rate
 - Internet Egress
 - Last Mile and WAN Circuits – Fiber
 - Last Mile and WAN Circuits – Non Fiber
- 639 circuits solicited
(same circuits solicited for both Fiber and Non Fiber)

REFERENCE ARCHITECTURE





RESULTS

ESSAM EL-BEIK, K-12 PROJECT LEAD

RESULTS

- 639 circuits solicited
- 622 circuits awarded
- 396 circuits ordered
(circuit install occurring now)
- Sprint awarded Internet access

Number of Responding Vendors	Number of Circuits
5	29
4	108
3	198
2	186
1	102
Total	623

Vendor	Number of Circuits Ordered
Comcast	150
AT&T	121
MCC Network Services	38
Frontier Comm.	29
Consolidated Comm.	28
Illinois Fiber Resources iFiber	7
Adams Telecom. Systems	7
Stratus Networks	4
Wabash Ind. Networks	4
NIU	3
Vero Fiber	2
CIRBN LLC	1
Missouri Network dba Bluebird Network	1
Futiva Comm.	1
Total	396



ELIGIBILITY

ESSAM EL-BEIK, K-12 PROJECT LEAD

ELIGIBILITY

- All Illinois E-rate eligible entities encouraged to join the consortium by signing the DoIT Consortium Letter of Agency
- Public K-12 - non discount portion covered by state appropriation
- Non-Public K-12 – non discount portion billed back to the consortium member, based on that consortium members discount rate
- E-rate entities with Circuits or Internet Access with a contract that expires prior to June 30th 2022 can be included in the upcoming procurement





LETTER OF AGENCY

ESSAM EL-BEIK, K-12 PROJECT LEAD



LETTER OF AGENCY

- Allows DoIT Consortium to act on behalf of the school/library
- School/library can still file their own procurements if an LOA is signed
- Check www.Illinois.net -> K-12 Network to see if your entity has already signed an LOA

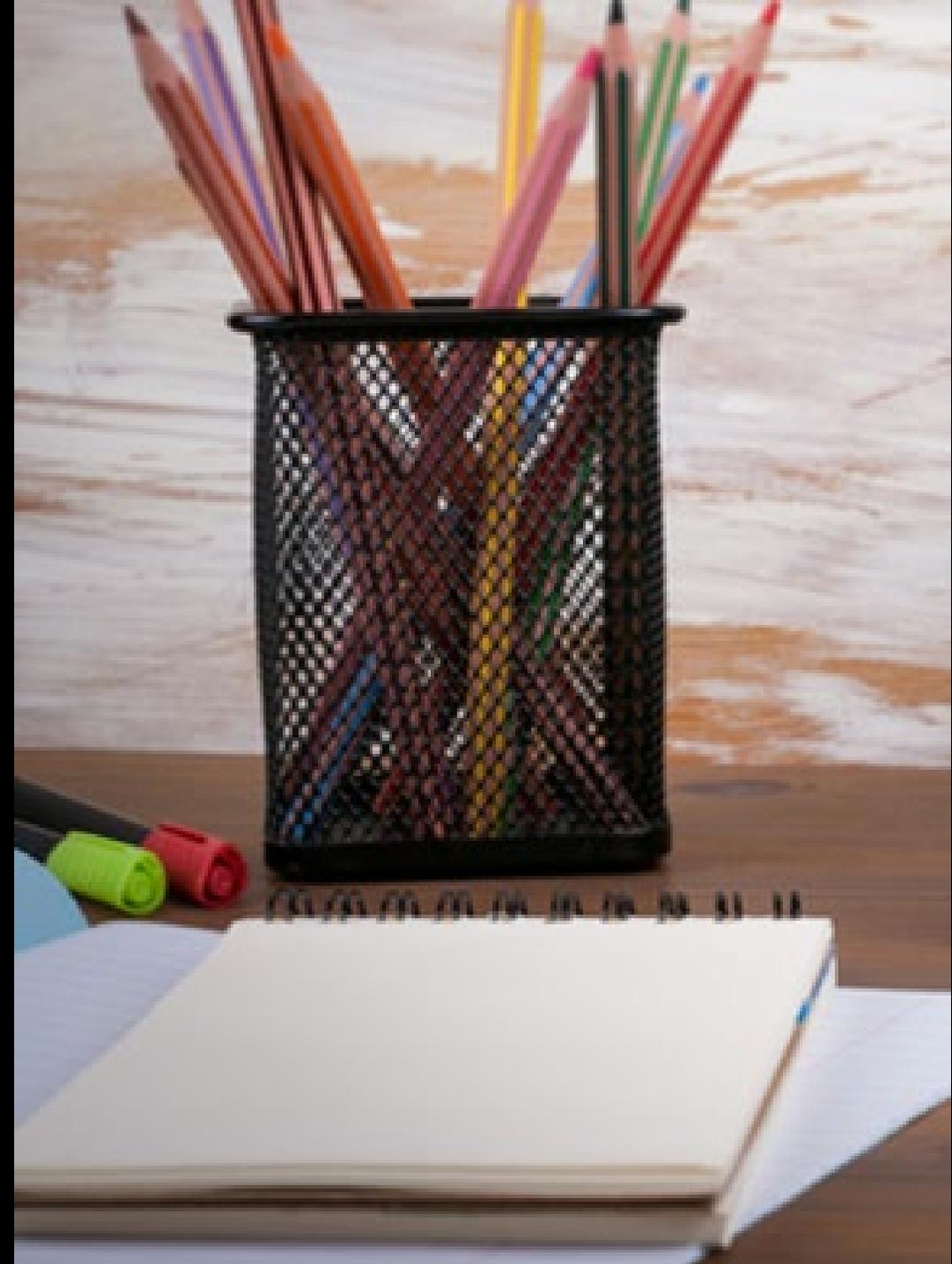


PROCUREMENT

ESSAM EL-BEIK, K-12 PROJECT LEAD

PROCUREMENT

- Last Mile and WAN Circuit procurement
- DoIT will be customer of record





CONSORTIUM DATA COLLECTION TOOL

ESSAM EL-BEIK, K-12 PROJECT LEAD



CONSORTIUM DATA COLLECTION TOOL

- Will allow to enter circuit information, the end points, bandwidth and contract end dates
- Will utilize site and address information already in the USAC database
- Circuits to be solicited need to be entered into the tool
- Tool available via K-12 website

CONSORTIUM DATA COLLECTION TOOL

Home Circuits Profile Administrator ▾ Log Off

Edit Profile

First Name

Last Name

Title

Email

Phone

Your Managed Entities

Available Entities ⓘ

CONSORTIUM DATA COLLECTION TOOL

Home Circuits Profile Administrator ▾ Log Off

Circuit

Profile and Entity

First Name	Last Name	Email	Title	Phone
Jim	Smith	essam.el-beik@illinois.gov	Principal	214-792-9866

Managed Entity

Springfield School Dist 186 ▾

[Add Circuit](#) [Edit Profile](#)

Circuits

Show 10 ▾ entries Search:

Location A	Location Z	Bandwidth	Type	Contract?	Expiry	Modified	Actions
Auxiliary Building Technology 3031 Stanton Ave Springfield, IL 62703	Illinois Century Network PoP	500 Mbps	Last Mile	No		05/13/2020	Edit Delete
Auxiliary Building Technology 3031 Stanton Ave Springfield, IL 62703	Fairview Elementary School 2200 E Ridgely Ave Springfield, IL 62702-3045	50 Mbps	WAN	No		05/13/2020	Edit Delete

Showing 1 to 2 of 2 entries [Previous](#) [1](#) [Next](#)

CONSORTIUM DATA COLLECTION TOOL

Home Circuits Profile Administrator ▾ Log Off

Create Circuit

Circuit Type

WAN Last Mile

Bandwidth required for the next E-rate funding year (1 July 2020 to 30 June 2021)

Select Bandwidth Requirement ▾

Over what Type of Transport is Service currently Delivered

Select Transport Delivery Type ▾

Is Under Contract

Yes No

Location A ⓘ

Select Location ▾

Location Z ⓘ

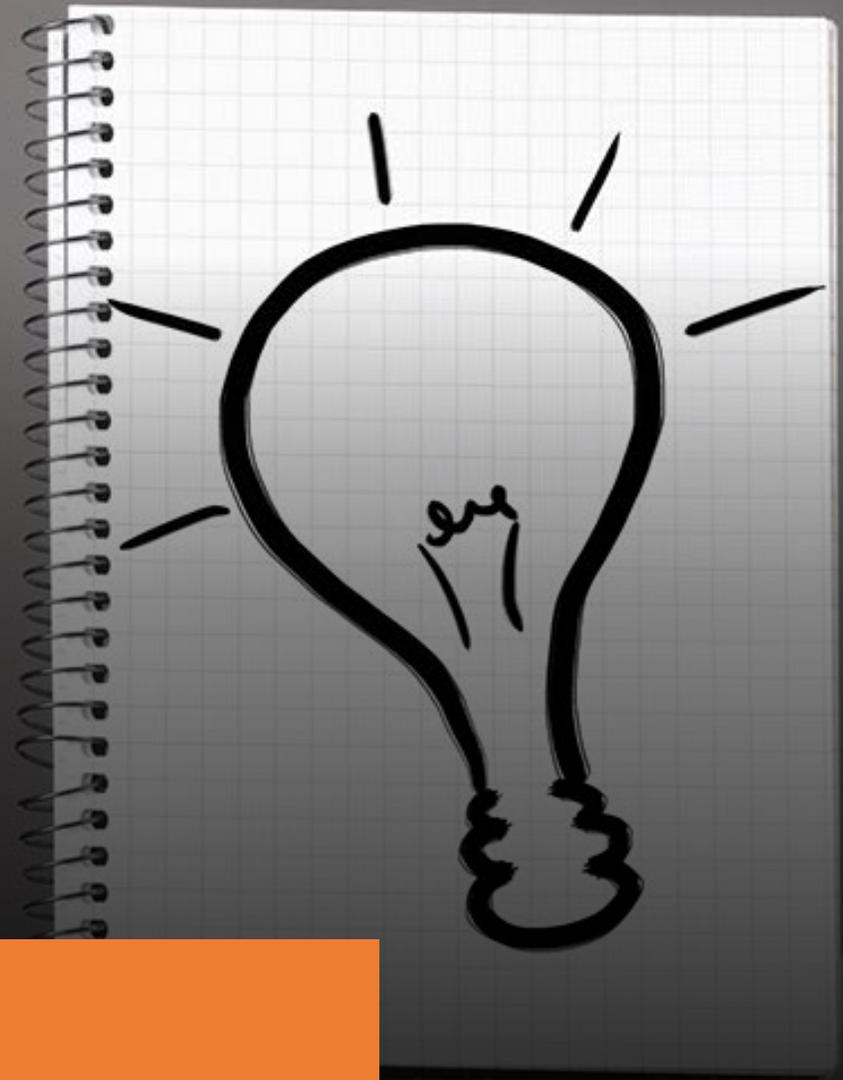
Select Location ▾

Create

Cancel

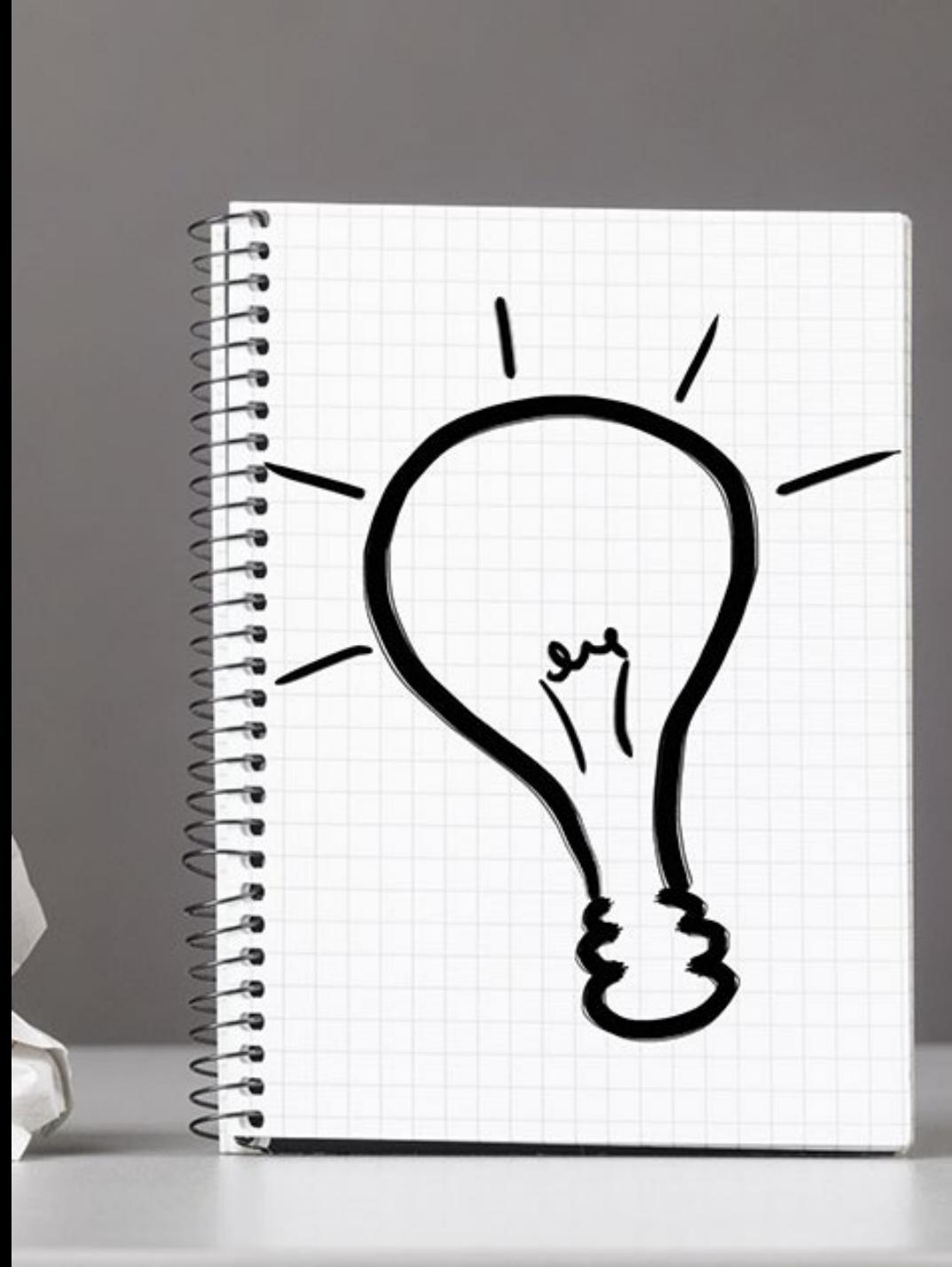
LESSONS LEARNED

ESSAM EL-BEIK, K-12 PROJECT LEAD



LESSONS LEARNED

- Please check circuit contract dates
- Please check your locations and service addresses
- We want to reduce number of circuit changes





ICN SERVICES

FRANK WALTERS & ANDRE BOURAVNEV, ICN NETWORK TEAM



ICN SERVICES

- **ICN managed**
- Security Minded Private Network
- Easy, Fast Changes to your Service (Zero Touch Provisioning)
- ICN High Speed Internet backed by ICN's Service that K12 customers have come to expect



ICN SERVICES
NEW Technology
NEW Capabilities

- One Device
- Intelligent Reporting
- Network Visibility
- Security & Cloud Optimized
- Security made easy at the edge
- Easy deployment and management
- Cutting edge Virtual Technology
- Accelerating and optimizing traffic



REGIONAL TECHNOLOGY CENTERS

ROBIN WOODSOME, ICN FIELD OPERATIONS MANAGER

REGIONAL TECHNOLOGY CENTERS

- 9 Regional Technology Centers (RTC) servicing all of Illinois
- Provides local consultation services and advanced technical support
- Know your local RTC Team ... staff contact is available at Illinois.net
- RTC staff will assist with installation, provisioning and testing for circuits and security services





SCHEDULE

- May – DoIT Consortium Tool released
- May/June/July – LOA's and Circuit information received by Consortium
- July – Last Mile and WAN Circuit procurement released



RECAP

ESSAM EL-BEIK, K-12 PROJECT LEAD

RECAP

- Send DoIT Consortium (DoIT.ICN.K12@illinois.gov) a signed Letter of Agency
- Via Data Collection online tool – provide DoIT Consortium your circuit information
- Letter of Agency template and Data Collection tool at www.illinois.net -> K-12 Network





STAY TUNED

VALERIE BOLINGER, ICN SERVICES COORDINATOR

STAY TUNED & CONNECTED

- ICN Channel: Illinois.net (K-12 page)
- Contact: DoIT.ICN.K12@Illinois.gov
- Twitter: [@illinoisdoit](https://twitter.com/illinoisdoit) & [@valbolinger](https://twitter.com/valbolinger)



Q

&

A