



COUNTY OF DANE
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION

City County Building
210 Martin Luther King Jr. Blvd. Room 425
Madison, WI 53703-3345

GREG BROCKMEYER
Director of Administration

CHARLES HICKLIN
Controller

Date: October 26, 2021
To: All Proposers
Subject: Addendum #2 to RFP #121069: Network Monitoring and Maintenance

The following questions were received and answers are provided:

A. Please provide the following information:

1. Number of switches:

Exhibition Hall - we have 6 IDF rooms, each with a switch. Two of these rooms actually 2 switches, as well as the MDF which has three switches.

Coliseum – We have four IDF rooms in the Coliseum, three of which have 2 switches in their racks. We also have a secondary switch that's not PoE set up specifically for Crossfit and is not typically take in to consideration when listing our hardware.

Pavilion 1 – There's two IDF rooms in this building. One has two switches, the other has one.

Pavilion 2 – There's three IDF rooms, each with a single switch, as well as a switch located above the concession stand on the East end of the building.

Arena – There's a single IDF room accessible by a ladder with a single switch mounted inside.

In total, we have 18 locations where our network is serviced. Many of these locations also have secondary switches that are for the county only, and aren't to be touched by anyone other than county IT from downtown.

Some of these locations are connected to one another through multi-mode fiber, others just CAT5 cable.

2. Number of VLANs:

30 – CenterPlate

50 – High Speed Access Internet 50mbps

77 – Surveillance Cameras

105- Security - Pavilion

106 – Audio Systems

107 – Audio System Control

201 – Access Points

205 – County DaneNet

210 - (exhall), 220 (pavilions), 230 (coliseum), 240 (arena) – Basic Access Internet 20mbps

250 – Ticket Sellers for Hockey

We also have two show specific VLANs:

26 – World Dairy Expo (At the moment all crossfit VLAN ports have been switched over to accommodate World Dairy.



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89 – Crossfit Games

We don't have any access to the innards of our network, so we couldn't tell you what our wireless VLAN situation looks like.

3. Number of Access Points:

We have a total of 83 licensed APs for the campus.

68 of these stay active most of the year. Some are dependent on the lights in the parking lots being on, whereas the remainder are spares that are deployed during larger events such as World Dairy Expo.

4. Number of SSIDs:

We have four primary SSIDs pushing through all of our APs campus wide. We have a couple temporary SSIDs at the moment, but the goal is to keep our primary list at five or fewer.

5. Number of Fire Station Venues:

We estimate that we have 1 per building, not including the Arena. So 4 total.

6. Seating and Capacity:

There's a lot changing here with the new fire codes being implemented, so the numbers provided are estimates only.

We have 10,000 seat Veterans Memorial Coliseum.

255,000 square-foot Exhibition Hall, including 100,000 gsf clear span exhibit space, 20,000 gsf of meeting rooms and 30,000 gsf of lobby.

290,000 combined square feet between the two pavilions. The New Holland is about half the size of Pavilion 2.

We're not openly selling Arena space, so we do not have capacity numbers for that building.

B. What is Dane County's 24/7 monitoring support expectation?

We expect immediate notification and response via phone or email for any system down time with an elapsed duration of longer than 5 minutes. During off hours an automated alert should be sent via email with a prompt follow up from a staff member the next morning. When large shows are in progress, we expect the system to be actively monitored during all hours of the event, with notifications and responses the moment anything goes down.

C. Is there a Quality of Service system in place within the network management?

The backbone of our network is managed by RGNets. These implement Traffic Shaping to our VLANs to optimize data flow for crucial systems within our facilities.



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D. What manages the Access Points servicing the facilities?

All APs are various Ruckus models run by PoE 24/48 port HP/HPE Aruba switches. Those switches are managed by a stack of RGNets units.

E. How many IDF's are there throughout the facilities?

Between the Exhall, Coliseum, Pavilions 1 & 2, and the Arena there are a total of 17 Intermediate Data Frames and 1 Main Data Frame locations. Some of these locations are connected through Multi Mode Fiber, whereas others are CAT5e.

F. How many VLANs are in operation at any given time?

There are 10 VLANs designated for specific uses throughout the facilities, with an additional two VLANs reserved for large events that host their own servers on site.

G. How many Access Points are there?

We have a total of 83 licensed APs for the campus. 68 of these stay active most of the year, whereas the remainder are spares that are deployed during larger events as needed.

H. How many active SSIDs are there?

We have four primary SSIDs pushing through all of our APs campus wide. We fluctuate throughout the year as specific events require customized WiFi's for their personal usage. We aim to keep this number below 6 whenever possible.

Please acknowledge receipt of this addendum by checking the "Addendum #2" box in **Section 6 – Required Forms – Attachment A - Vendor Information** of your proposal response. If you have questions regarding this addendum, please contact me via phone or email as listed below.

Sincerely,

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