

# RESOLUTION

## Resolution Supporting Upgrade of Cradlepoint Wireless Routers and Enterprise Routers for McHenry County Fire Agency Dispatch (29)

**WHEREAS**, the McHenry County Emergency Telephone System Board (ETSB) was created by Ordinance 0-9201-1200-05 to plan, implement, control, maintain, upgrade, and oversee operations of the Enhanced 9-1-1 system to meet current and future demands for the entire County of McHenry; and

**WHEREAS**, in December 11, 2018, Resolution R-201812-29-318 supported the implementation of a Countywide Fire Station Alerting Software Solution to automate the call dispatching in a uniform manner for any fire department within McHenry County from any one of the three (3) PSAPs in McHenry County; McHenry County Sheriff's Office, Southeast Emergency Communications (SEECOM); and North East Regional Communication Center (NERCOM/McHenry PSAP); and

**WHEREAS**, interoperability of the applications, and streamlining the workflow process for end users is imperative for uniform emergency call handing and public safety response, and in the event the primary method of station alerting is impacted, a secondary means of communication is imperative for call delivery; and

**WHEREAS**, Cradlepoint wireless routers in station provide broadened access, enhanced speed and performance of 5G by supporting advanced applications and critical communications; and

**WHEREAS**, Enterprise Routers are an all-in-one endpoint that includes full-featured routing, switching and Wi-Fi, to maintain connectivity to the Internet for supporting crucial emergency applications; and

**WHEREAS**, Article 10, S10-101 of the Purchasing Ordinance authorizes cooperative purchasing in the County, OMNIA meets or exceeds the County's Purchasing Ordinance requirements and has awarded CDW\*G LLC contract #2024056-01 Information Technology Solutions Products & Services; and

**WHEREAS**, on March 20, 2025, the McHenry County Emergency Telephone System Board unanimously voted to approve the upgrade of Cradlepoint wireless routers and Enterprise routers with a 5-year NetCloud service with CDW Government LLC; and

**WHEREAS**, the Law and Government/Liquor and Finance and Audit Committees have reviewed the requested action.

**NOW, THEREFORE BE IT RESOLVED**, by this County Board of McHenry County, Illinois, hereby supports the McHenry County Emergency Telephone System Board upgrade of Cradlepoint wireless routers and Enterprise routers with a 5-year NetCloud service with CDW Government LLC, 230 N. Milwaukee Avenue, Vernon Hills, IL 60061, in the amount of \$47,507.12 in FY2025; and

**BE IT FURTHER RESOLVED**, said costs for hardware and 5-year NetCloud service are accounted for in the ETSB's fiscal year 2025 budget under line item 511500-29-2910-805 (ETSB – Computer Components); and

**BE IT FURTHER RESOLVED**, that the County Clerk is hereby authorized to distribute a certified copy of this Resolution to the McHenry County ETSB Director; the County Auditor; the Director of Procurement and Special Services; the Chief Financial Officer; and the County Administrator.

**DATED** at Woodstock, Illinois, this 15th day of April, A.D., 2025.

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Michael Buehler, Chairman  
McHenry County Board

ATTEST:

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Joseph J. Tirio, County Clerk

## RESOLUTION

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SUBJECT: Resolution Supporting Upgrade of Cradlepoint Wireless Routers and Enterprise Routers for McHenry County Fire Agency Dispatch (29)

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**Board / Committee Action Requested:**

To support the McHenry County Emergency Telephone System Board upgrade and installation of Cradlepoint wireless routers and Enterprise routers with a 5-year NetCloud service.

**Background and Discussion:**

December 11, 2018, Resolution R-201812-29-318 supported the implementation of a Countywide Fire Station Alerting Software Solution to automate the call dispatching in a uniform manner for any fire department within McHenry County from any one of the three (3) PSAPs in McHenry County; McHenry County Sheriff's Office, Southeast Emergency Communications (SEECOM); and North East Regional Communication Center (NERCOM/McHenry PSAP) via the agency's network connection.

As a result of provider outage, maintenance, or equipment failure, the primary connection may be interrupted or down. If this happens, a backup means of notifying a McHenry County Fire Department of an emergency call for service is necessary. Cradlepoint routers were installed at the fire departments, and over the past five years have proven to be a stable and dependable backup solution.

The hardware in place has reached "end of life" and no longer supported by the manufacturer. This necessitates an upgrade of the hardware located in the fire departments and ETSB server room.

Article 10, S10-101 of the Purchasing Ordinance authorizes cooperative purchasing in the County, OMNIA Partners meets or exceeds the County's Purchasing Ordinance requirements and has awarded CDW\*G LLC contract #2024056-01 Information Technology Solutions Products & Services.

March 20, 2025, the McHenry County Emergency Telephone System Board unanimously voted to approve the upgrade of Cradlepoint wireless routers and Enterprise routers with a 5-year NetCloud service with CDW Government LLC in an amount of \$47,507.12

**Impact on Human Resources:** None

**Impact on Budget (Revenue; Expenses, Fringe Benefits):**

Costs for hardware and 5-year NetCloud service are accounted for in the ETSB's fiscal year 2025 budget under line item 511500-29-2910-805 (ETSB – Computer Components), and the ETSB 10 Year Investment Plan equipment hardware replacement schedule APX A.

**Position Reclassification or Regrade, please address the following:** Not applicable

**Impact on Capital Expenditures:** None

**Impact on Physical Space:** None, replacing existing hardware

**Impact on Other County Departments or Outside Agencies:** This project will continue to provide a secondary method for the fire departments Station Alerting System to be able to receive calls for service in the event their primary network connection is down or impacted

**Conformity to Board Ordinances, Policies and Strategic Plan:** Yes