UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): September 5, 2018

Ciena Corporation

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-36250

(Commission File Number)

23-2725311

(IRS Employer Identification No.)

7035 Ridge Road, Hanover, MD (Address of Principal Executive Offices)

21076

(Zip Code)

(410) 694-5700

(Registrant's Telephone Number, Including Area Code)

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

ITEM 8.01 - OTHER EVENTS

On September 5, 2018, Ciena issued a press release announcing that it has entered into a definitive agreement to acquire privately-held DonRiver Holdings, LLC, a global software and services company specializing in federated network and service inventory management solutions within the service provider Operational Support Systems (OSS) environment. The transaction is expected to close during Ciena's fiscal fourth quarter 2018 and is subject to customary closing conditions. A copy of the press release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

ITEM 9.01 - FINANCIAL STATEMENTS AND EXHIBITS

(d) The following exhibit is being filed herewith:

<u>Exhibit Number</u> <u>Description of Document</u>

Exhibit 99.1 Text of Press Release dated September 5, 2018, issued by Ciena Corporation, announcing its agreement

to acquire DonRiver Holdings, LLC.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Ciena Corporation

Date: September 5, 2018 By: /S/ David M. Rothenstein

David M. Rothenstein

Senior Vice President, General Counsel and Secretary

FOR IMMEDIATE RELEASE

Ciena Announces Intent to Acquire DonRiver

Expands Blue Planet Intelligent Automation capabilities into IT OSS domain and adds highly specialized software professional services expertise

HANOVER, Md. - September 5, 2018 - Ciena Corporation (NYSE: CIEN) has entered into a definitive agreement to acquire privately-held DonRiver, a global software and services company specializing in federated network and service inventory management solutions within the service provider Operational Support Systems (OSS) environment.

DonRiver will bring new capabilities to Ciena's Blue Planet software and services portfolio that significantly enhance the company's ability to deliver on its Adaptive Network vision through intelligent, closed-loop automation. Specifically, with the addition of DonRiver's federated network and service inventory management solutions, Ciena's Blue Planet capabilities will extend beyond network orchestration and control to also provide a unified inventory view of all elements across a provider's network. Additionally, the DonRiver team of specialized OSS software, integration and consulting experts will complement and scale the Blue Planet organization to form a truly unique and specialized services group that is able to manage modernization projects across both IT and network operations.

"The combination of Blue Planet and DonRiver will enhance our ability to deliver closed loop automation of network services and the underlying operational processes across IT/operations and the network," said Rick Hamilton, senior vice president of Global Software and Services at Ciena. "With this new set of technology and expertise, we can help customers realize the full benefits of network automation by helping them move away from highly complex and fragmented OSS environments to those that accurately reflect the real-time state and utilization of network resources."

The transaction is expected to close during Ciena's fiscal fourth quarter 2018 and is subject to customary closing conditions.

Spurrier Capital Partners acted as financial advisor to DonRiver for this transaction.

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About Ciena

Ciena (NYSE: CIEN) is a networking systems, services, and software company. We provide solutions that help our clients create more adaptive networks in response to the constantly changing demands of their users. By delivering best-in-class networking technology through high-touch consultative relationships, we build the world's most sophisticated networks with automation and scale. For updates on Ciena, follow us on Twitter <u>@Ciena</u>, <u>LinkedIn</u>, the <u>Ciena Insights blog</u>, or visit <u>www.ciena.com</u>.

Note to Ciena Investors

You are encouraged to review the <u>Investors section</u> of our website, where we routinely post press releases, SEC filings, recent news, financial results, and other announcements. From time to time we exclusively post material information to this website along with other disclosure channels that we use. This press release contains certain forward-looking statements that are based on our current expectations, forecasts, information and assumptions. These statements involve inherent risks and uncertainties. Actual results or outcomes may differ materially from those stated or implied, because of risks and uncertainties, including those detailed in our most recent annual and quarterly reports filed with the SEC. Forward-looking statements include statements regarding our expectations, beliefs, intentions or strategies and can be identified by words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Ciena assumes no obligation to update the information included in this press release, whether as a result of new information, future events or otherwise.