

**UNITED STATES COURT OF APPEALS FOR THE FEDERAL CIRCUIT**

18-1155, 18-1156

**REALTIME DATA, LLC,**  
*Appellant*

v.

**RIVERBED TECHNOLOGY, INC., ECHOSTAR CORPORATION, HUGHES NETWORK  
SYSTEMS, LLC, VERITAS TECHNOLOGIES LLC,**  
*Appellees*

Appeal from the United States Patent and Trademark Office in case No. IPR2016-00978, IPR2017-00366, IPR2016-00980, Administrative Patent Judge Jason J. Chung, Administrative Patent Judge Kevin C. Trock, Administrative Patent Judge Brian J. McNamara.

**MANDATE**

In accordance with the judgment of this Court, entered November 08, 2018, and pursuant to Rule 41(a) of the Federal Rules of Appellate Procedure, the formal mandate is hereby issued.

FOR THE COURT

/s/ Peter R. Marksteiner

Peter R. Marksteiner  
Clerk of Court