

**UNITED STATES COURT OF APPEALS FOR THE FOURTH CIRCUIT  
APPEARANCE OF COUNSEL FORM**

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**THE CLERK WILL ENTER MY APPEARANCE IN APPEAL NO.** 17-2231, -2232, -2233, -2240 as

Retained  Court-appointed(CJA)  Court-assigned(non-CJA)  Federal Defender  Pro Bono  Government

COUNSEL FOR: Technology Companies

\_\_\_\_\_ as the  
(party name)

appellant(s)  appellee(s)  petitioner(s)  respondent(s)  amicus curiae  intervenor(s)  movant(s)

/s/ Paul W. Hughes  
(signature)

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**CERTIFICATE OF SERVICE**

I certify that on November 22, 2017 the foregoing document was served on all parties or their counsel of record through the CM/ECF system if they are registered users or, if they are not, by serving a true and correct copy at the addresses listed below:

/s/ Paul W. Hughes  
Signature

November 22, 2017  
Date