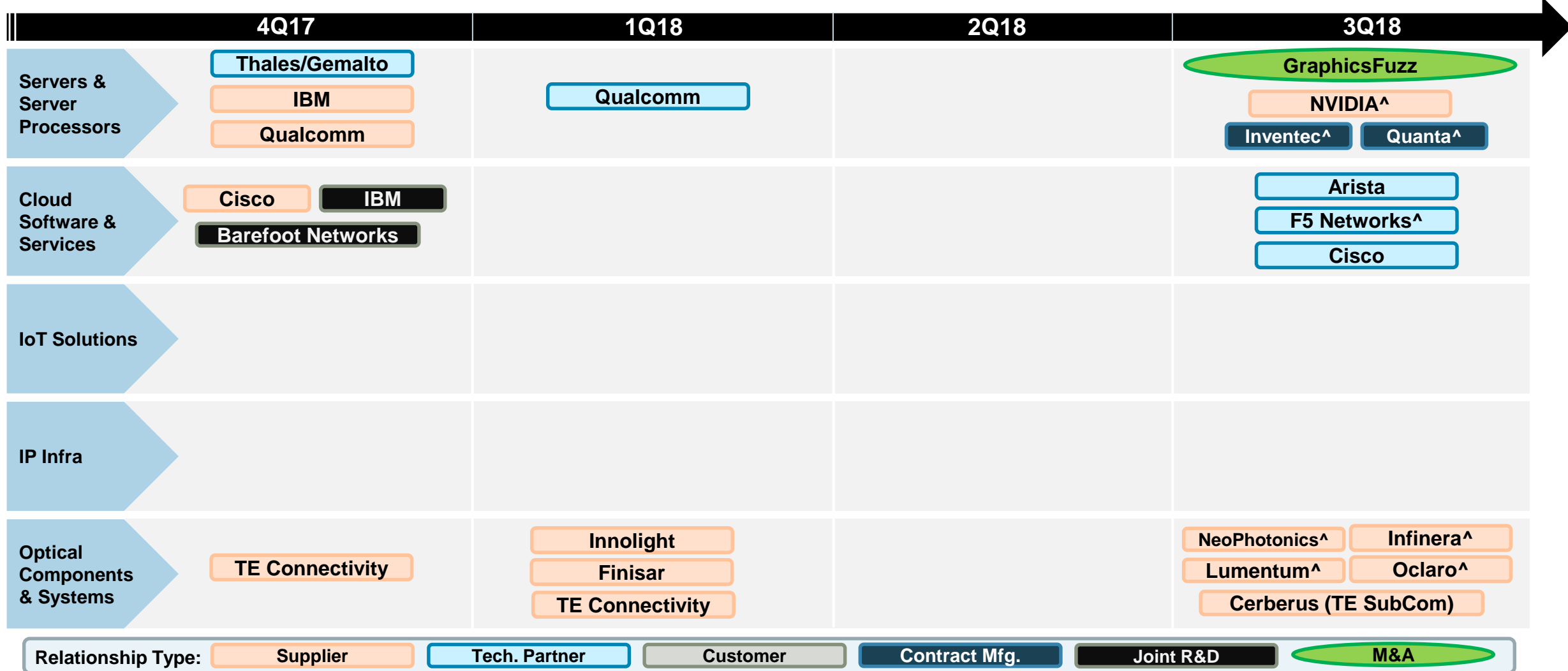


Alphabet's Key Technology Relationships* in Networks

Server processors and optical components & systems categories saw maximum activity reflecting Alphabet's focus on expanding data center and subsea network infrastructures



*For a detailed analysis of Alphabet's technology relationships over a longer time series, refer to the latest edition of our *WNO Technology Relationship Database*

^ Deals with vendors marked with caret (^) symbol are "Current" or "Ongoing" in nature