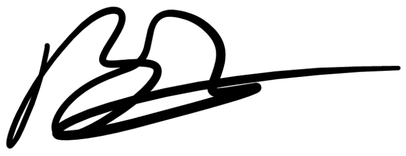
adaptiv networks

hereby certifies that

Ian Horowitz

has successfully completed all program requirements and is certified as an

Adaptiv SD-WAN SALES PROFESSIONAL



BERNARD BRETON

CHIEF EXECUTIVE OFFICER