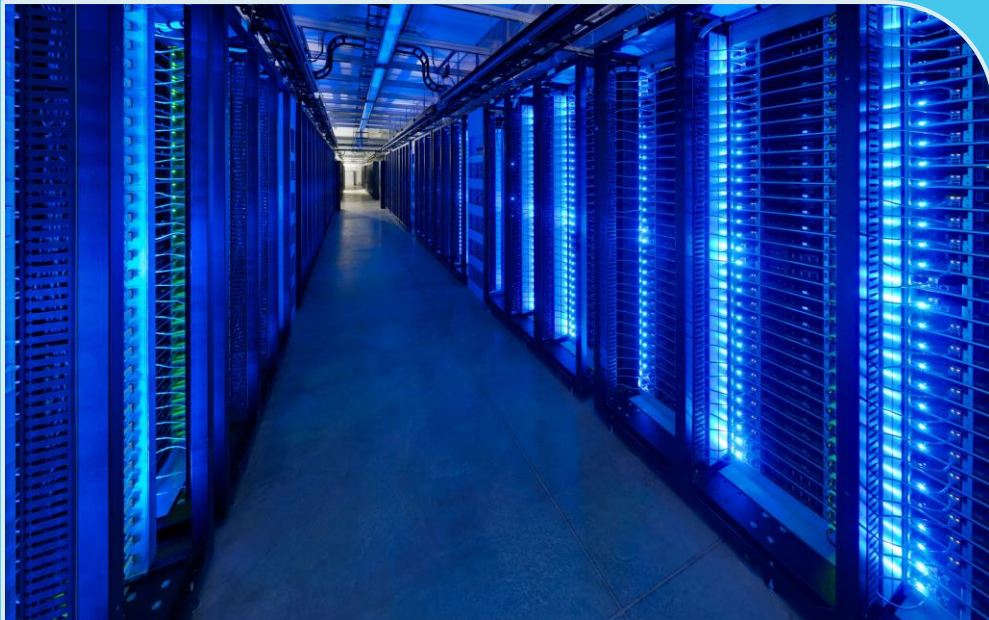# Webscale Playbook: Facebook

Facebook's push for privacy along with its quest for network expansion lifts network spending

Agenda

<Click on section name to navigate>

Operational Scale

Facebook's global network is expanding rapidly with data center and undersea cable investments to serve its ever-increasing user base, that currently sits at a massive 2.37 billion monthly active users

15
Global data center locations

10
Known* undersea cable projects operated by Facebook

>57,000
Miles of fiber and submarine cable systems

Facebook's Webscale Network Infrastructure Metrics

1,562 mn
Average daily active users (for March 2019)

2,375 mn
Monthly active users (as of March 31, 2019)

500 mn
Daily active users of Instagram Stories (as of January 2019)

*projects typically operated jointly with other cable investors

Facebook's Key Technology Relationships* in Networks (1/2)

Facebook's emphasis on data center scalability and flexibility is reflected in the recent activities under servers & server processors category, which included the acquisition of on-chip network provider, Sonic

	2Q18	3Q18	4Q18	1Q19
Servers & Server Processors				Sonics / Broadcom / Arista
Cloud Software & Services			Delta Electronics^ / Coriant^	
IoT Solutions			Texas Instruments^	
IP Infra			Mellanox^	

Relationship Type: Supplier   Tech. Partner   Business Cooperation   Contract Mfg.   Joint R&D   M&A

*For a detailed analysis of Microsoft's technology relationships over a longer time series, refer to the latest edition of our *Webscale Network Supply Chain Analyzer*
^ *Deals with vendors marked with caret (^) symbol are "Current" or "Ongoing" in nature*

Source: MTN Consulting's Webscale Network Supply Chain Analyzer; MTN Consulting analysis