Building the cloud: Webscale network supply chain analyzer

About the report:

MTN Consulting's "Webscale Network Supply Chain Analyzer" tracks technology spending in this sector by digging deep into the webscale-related supply chains of each operator. The Analyzer tracks contracts/deals between WNOs and technology vendors across eight product categories, and provides detail on type of relationship and nature of deal. The goal is to provide a comprehensive view of the competitive landscape facing vendors who aim to sell or partner with webscale operators.

Scope of the report:

COVERAGE

Total webscale companies covered: 12

Alibaba	Fujitsu
Alphabet/Google	IBM
Amazon	JD.com
Apple	Microsoft
Baidu	Oracle
Facebook	Tencent

Time series: Annual/Quarterly breakdown from 2010 onwards

Year	No. of contracts covered
2010	5
2011	2
2012	4
2013	14
2014	11
2015	17
2016	56
2017	191
2018	147
2019	109

Contracts included: 558

Key sections:

Contracts Summary Dashboard

Webscale Network Supply Chain: Baidu

Select Operator: Baidu

Select Year: 2019

Contracts Summary: Baidu

This supply chain database tracks the commercial relationships driving webscale network operators' technology strategies. The focus is on network infrastructure and cloud connectivity. Baidu accounts for 44 of the total 559 entries in the database.

2019 capex is as-reported actual, for all WNOs except Tencent; Tencent's 2019 capex is estimated based on data through 3Q19

Dashboard Matrix – Quarterly View

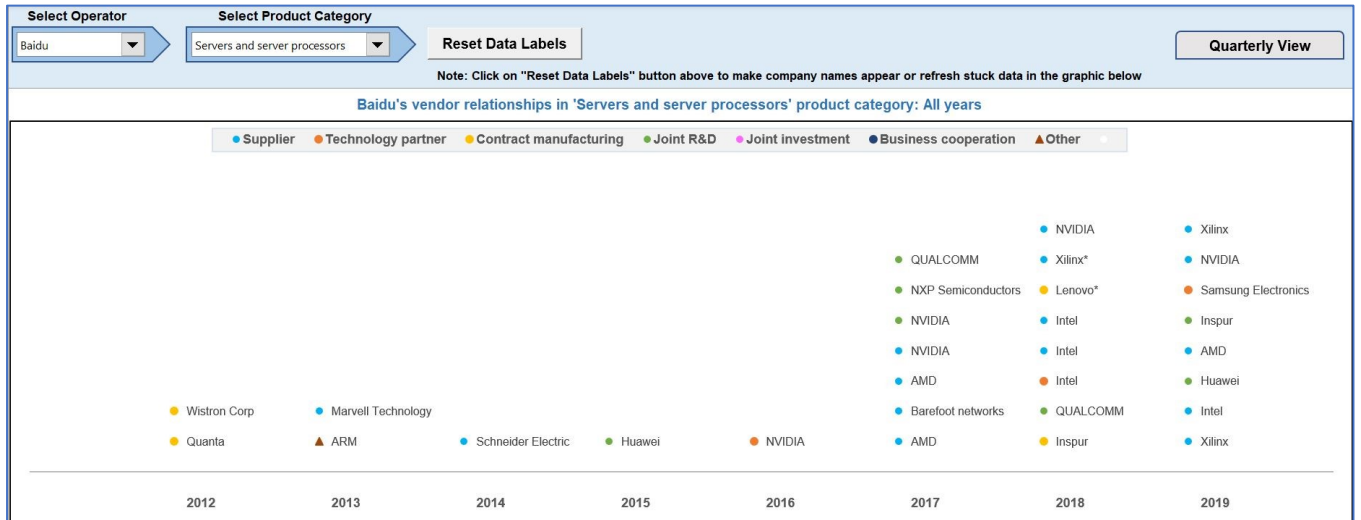**Dashboard Matrix – Historical (Annual) Timeline View**

Select Operator	Select Product Category		
Baidu ▼	Servers and server processors ▼	Reset Data Labels	Quarterly View

Note: Click on "Reset Data Labels" button above to make company names appear or refresh stuck data in the graphic below

Baidu's vendor relationships in 'Servers and server processors' product category: All years

● Supplier   ● Technology partner   ● Contract manufacturing   ● Joint R&D   ● Joint investment   ● Business cooperation   ▲ Other

	2017	2018	2019
		● NVIDIA	● Xilinx
	● QUALCOMM	● Xilinx*	● NVIDIA
	● NXP Semiconductors	● Lenovo*	● Samsung Electronics
	● NVIDIA	● Intel	● Inspur
	● NVIDIA	● Intel	● AMD
	● AMD	● Intel	● Huawei
	● Barefoot networks	● QUALCOMM	● Intel
	● AMD	● Inspur	● Xilinx

2012	2013	2014	2015	2016
● Wistron Corp	● Marvell Technology			
● Quanta	▲ ARM	● Schneider Electric	● Huawei	● NVIDIA

2012 2013 2014 2015 2016 2017 2018 2019

Related Reports:

1. **Webscale Supply Chain Developments in 2019**

2. **Webscale Network Operators: 3Q19 Market Review**