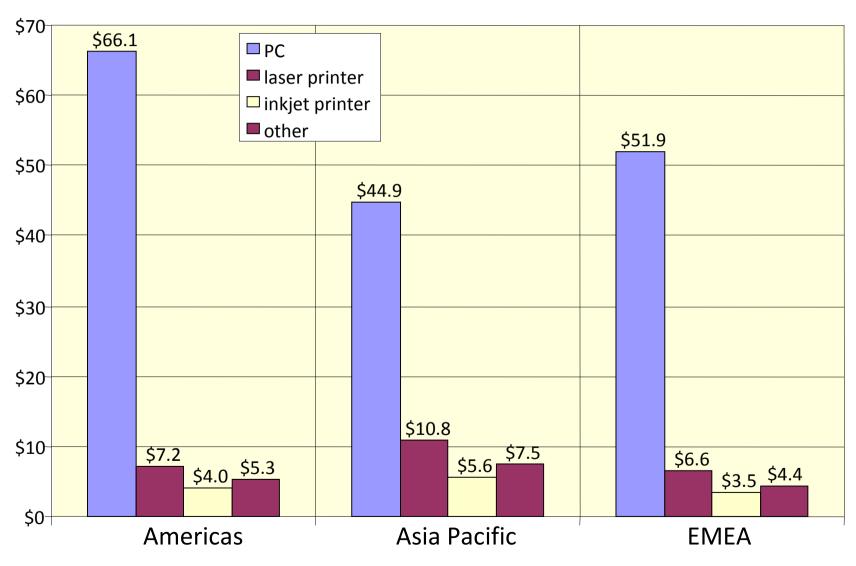


Agenda

- Client device markets
- The data center and enterprise hardware markets
- The leading suppliers Dell EMC, IBM,
 Cisco, HPE
- Forecasts and summary



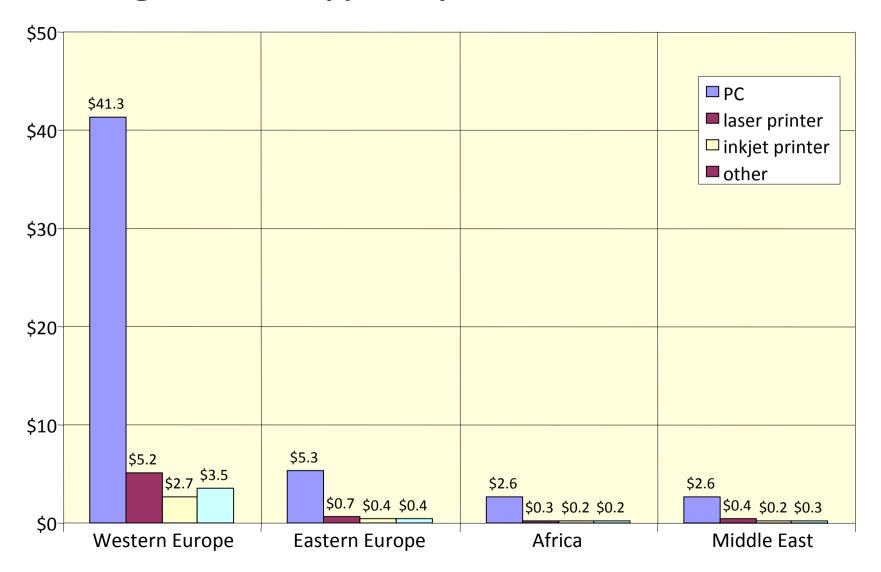
Client device spending (\$ billion) by region – year to June 2018





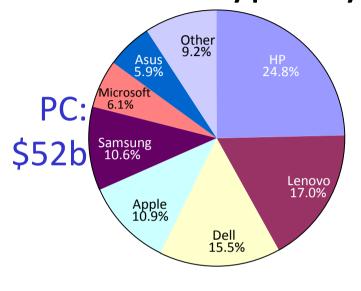
SIA Summit Paris

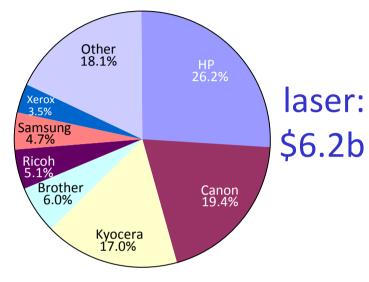
EMEA client device spending (\$ billion) by subregion and type – year to June 2018

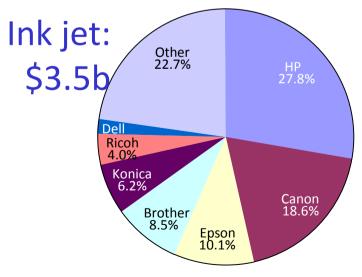


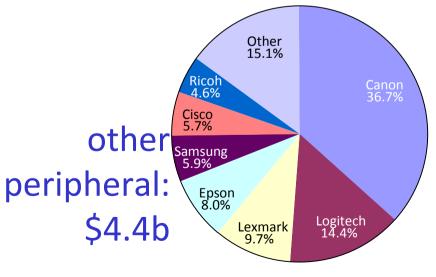


EMEA client device market shares (\$ billion) by type – year to June 2018





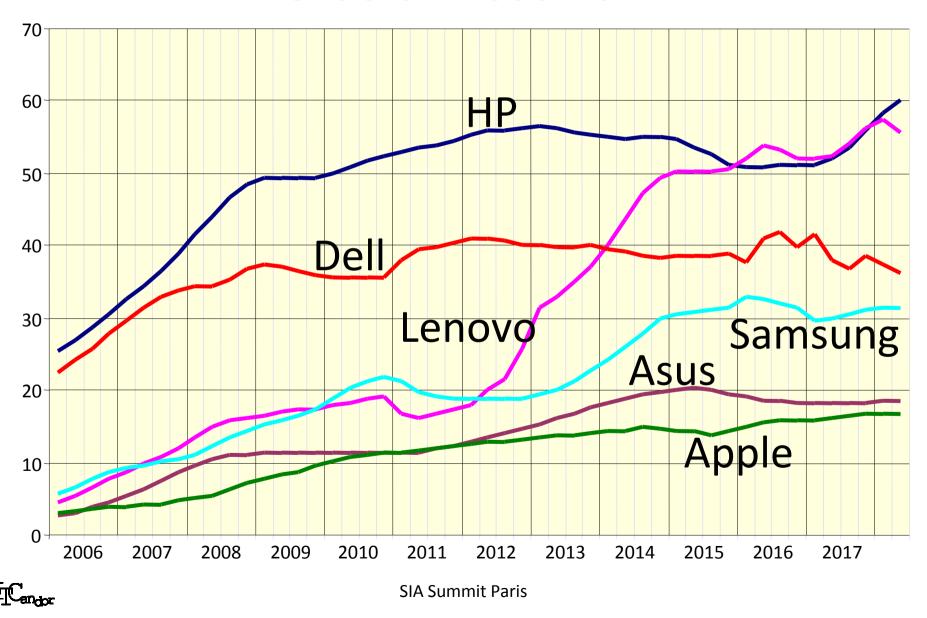




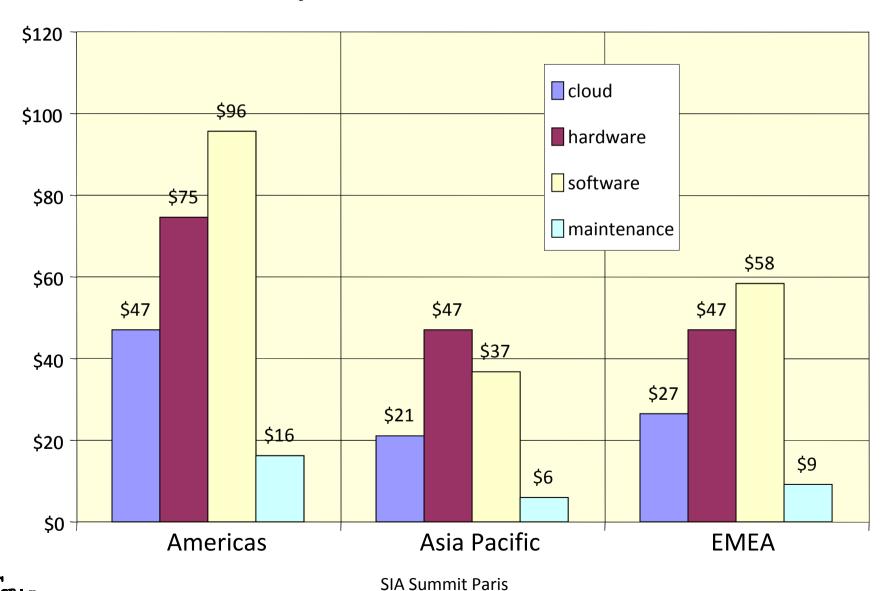


SIA Summit Paris

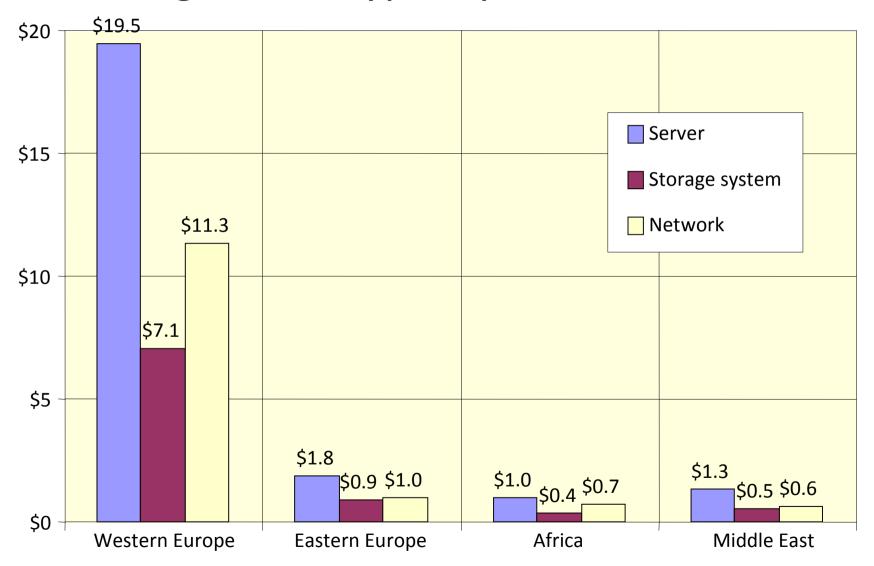
EMEA PC installed base (million) – leading vendors – 2006-2017



Global data center spending (\$ billion) by region – year to June 2018

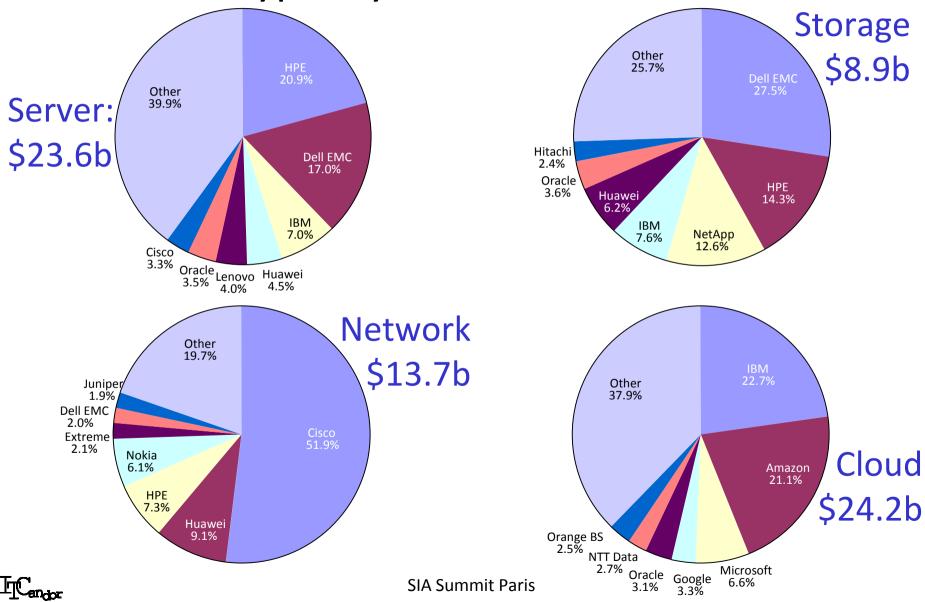


EMEA enterprise hardware spending (\$ billion) by sub-region and type – year to June 2018

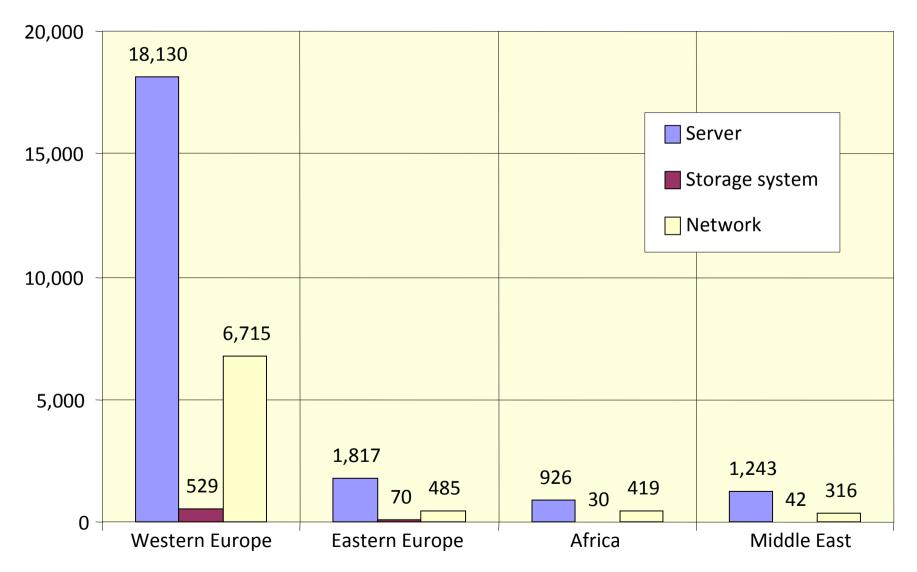




EMEA data center market shares (\$ billion) by type – year to June 2018

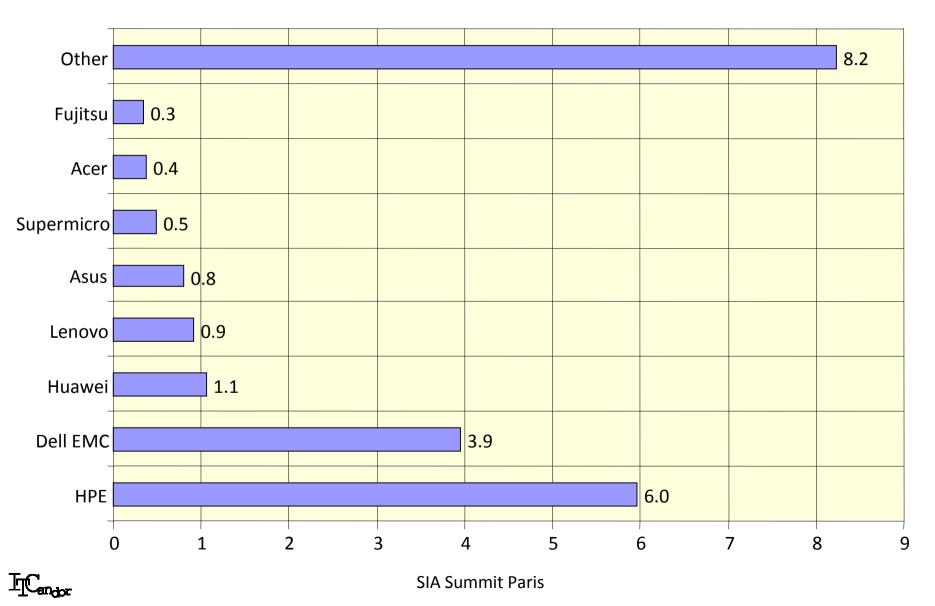


EMEA enterprise hardware installed base (thousands) by region and type – year to June 2018

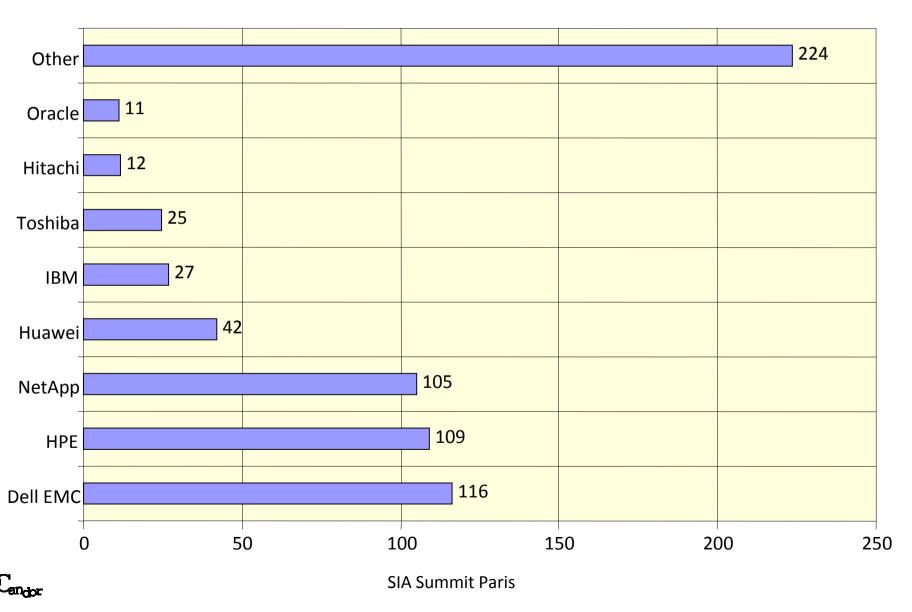




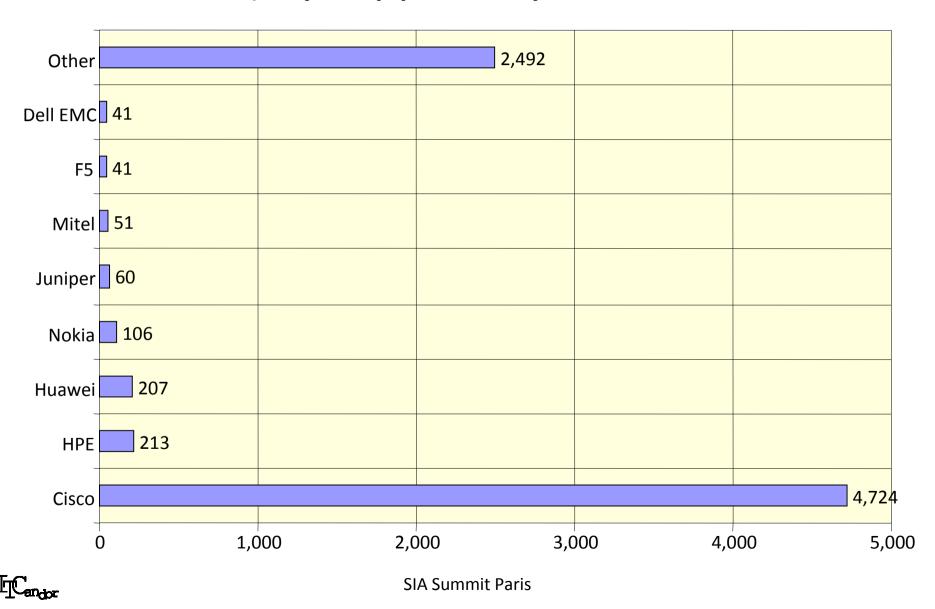
EMEA server installed base (millions) by supplier – year to June 2018



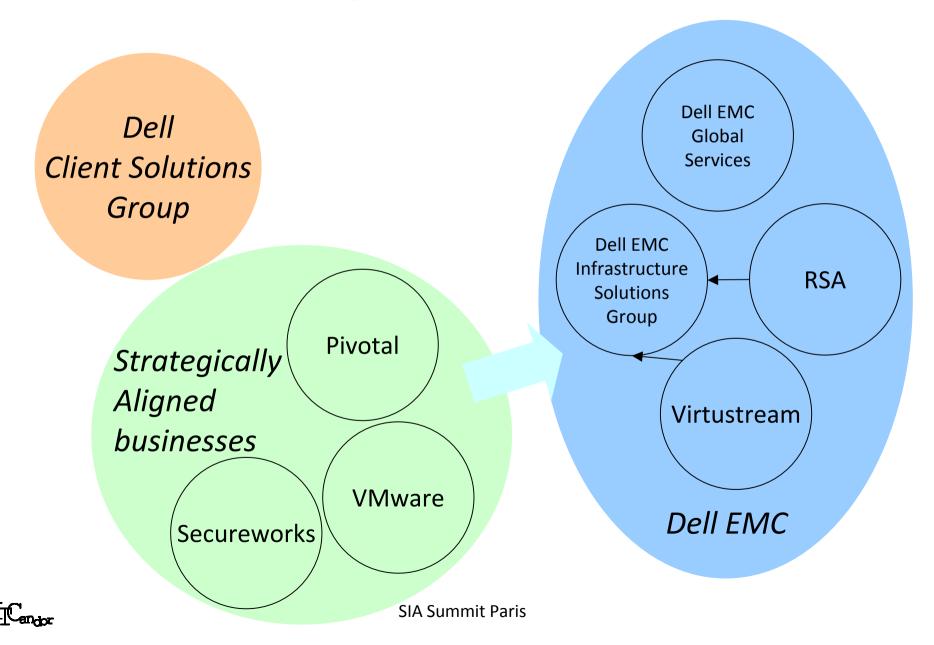
EMEA storage system installed base (thousand) by supplier – year to June 2018



EMEA network installed base (hundred thousand) by supplier – year to June 2018

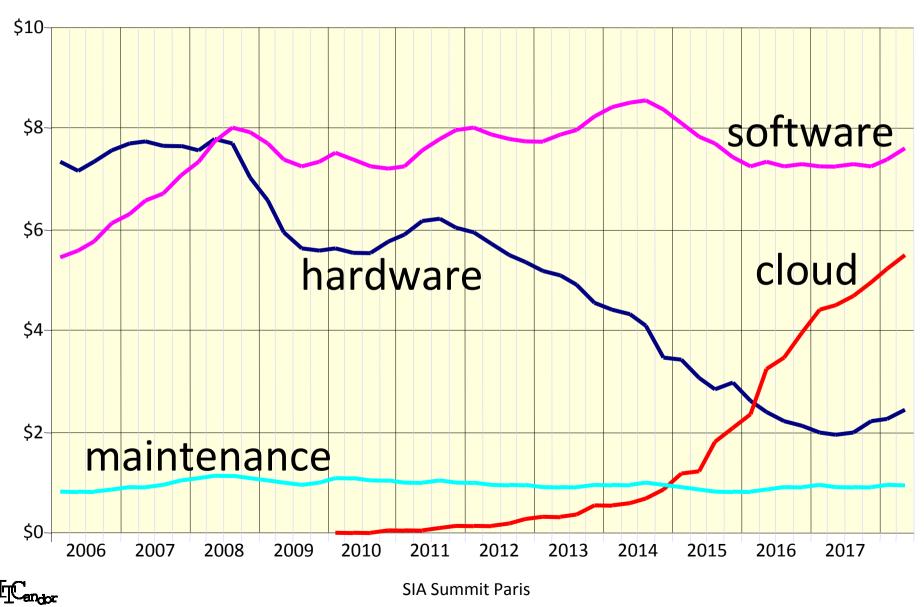


Dell Technology creates a private stable



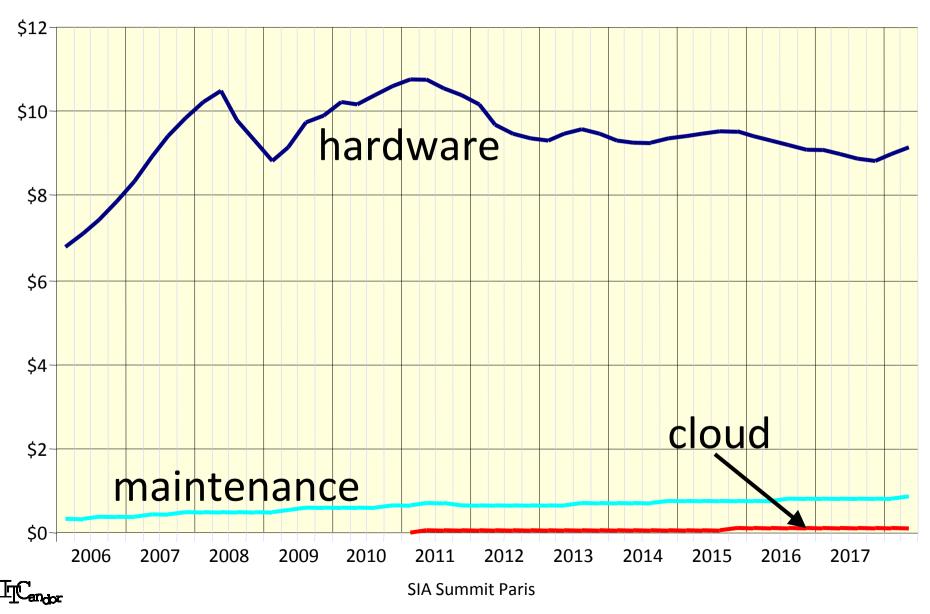
IBM cloudifies

(EMEA revenues by type - 2006-2018 - rolling 4-q analysis)

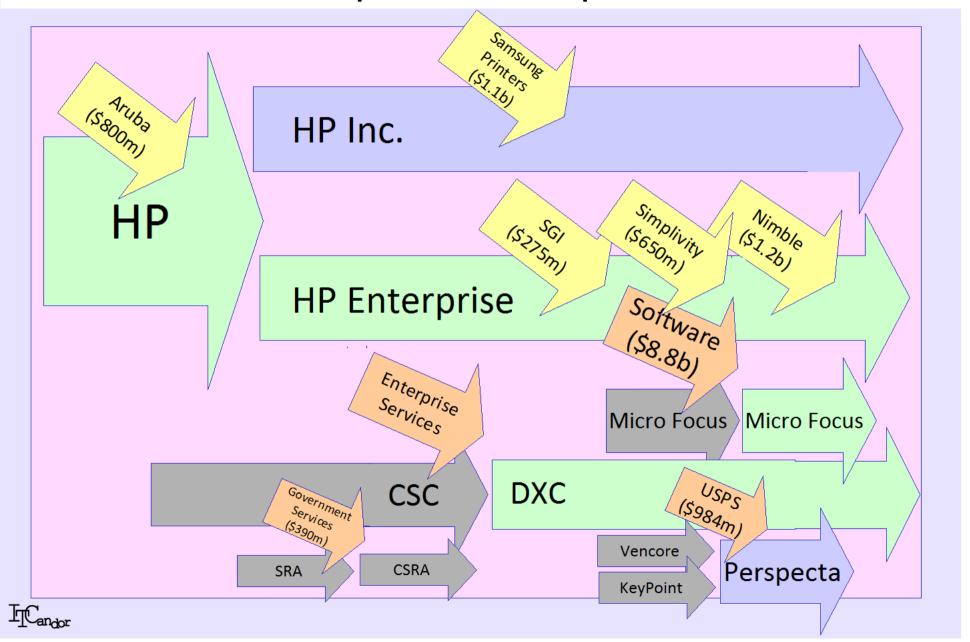


Cisco stays the network course

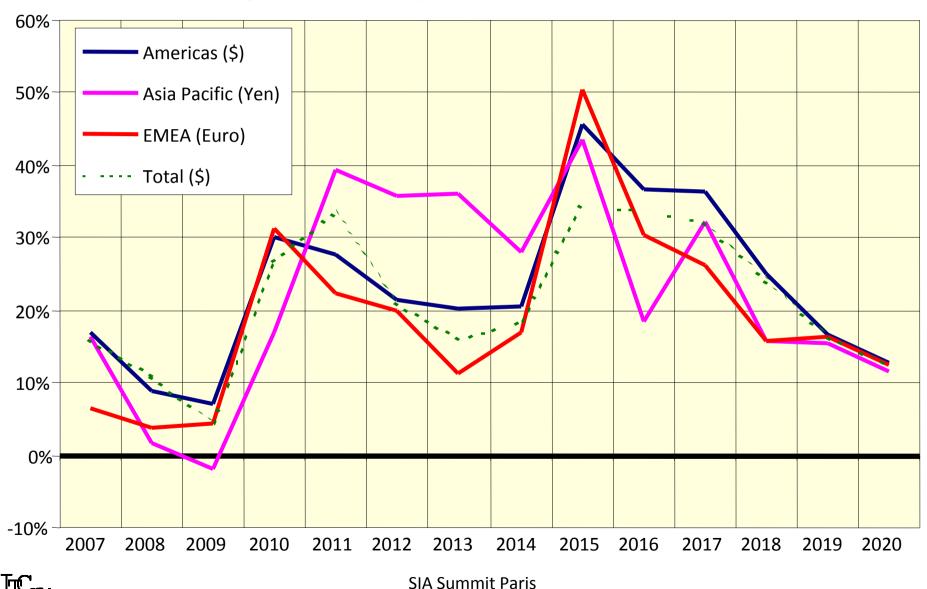
(EMEA revenues by type - 2006-2018 - rolling 4-q analysis)



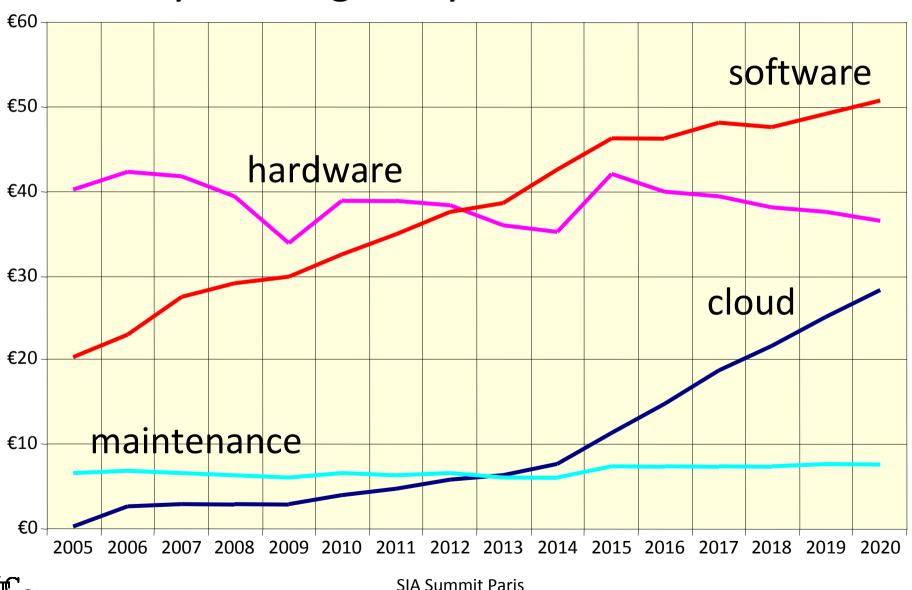
HP splits and disposes



Cloud spending growth (local currencies) by region and year – 2007-2020



EMEA data center spending (€ billion) by offering and year – 2005-2020



Summary Global Service Delivery – OEMs in EMEA

- EMEA is a continent of nations and regions WE the largest, ME the fastest growing
- PCs dominate the peripheral market
- Data center spending in EMEA is more 'software defined' than A/P
- Data center OEMs strategic diversity
- CSPs are smaller, use less self-built systems
- Brexit and other 'new nationalism' is affecting business confidence – trade wars will make it worse



