

2015 VORMETRIC INSIDER THREAT REPORT

Trends and Future Directions in Data Security
Focus on Cloud and Big Data

Sponsoring Partners



2015 VORMETRIC INSIDER THREAT REPORT



818 IT DECISION MAKERS

US, UK, Germany,
Japan, ASEAN

100%

Enterprises:
\$200M + US
\$100M + UK, Germany,
Japan, ASEAN



Retail



Healthcare



Financial Services



Other Enterprise

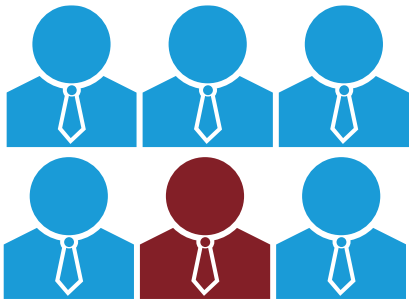
Polling by Harris

 harris poll

Analysis and Reporting by Ovum



WHERE DO INSIDER THREATS COME FROM?



ORDINARY
EMPLOYEES



PRIVILEGED USERS



SERVICE PROVIDERS
(INCLUDING CSPs)
& CONTRACTORS



HACKERS TARGETING
INSIDER ACCOUNTS



HIGH RATES OF SENSITIVE DATA USE IN THE CLOUD

80%

OF ENTERPRISES ARE USING CLOUD TODAY (SOURCE OVUM)

40%

RATE CLOUD ENVIRONMENTS A TOP THREE LOCATION AT RISK FOR LOSS OF SENSITIVE DATA

RATES OF SENSITIVE OR REGULATED DATA USE

SOFTWARE AS A SERVICE (SAAS)

62% - U.S.

51% - REST OF WORLD

INFRASTRUCTURE AS A SERVICE (IAAS)

58% - U.S.

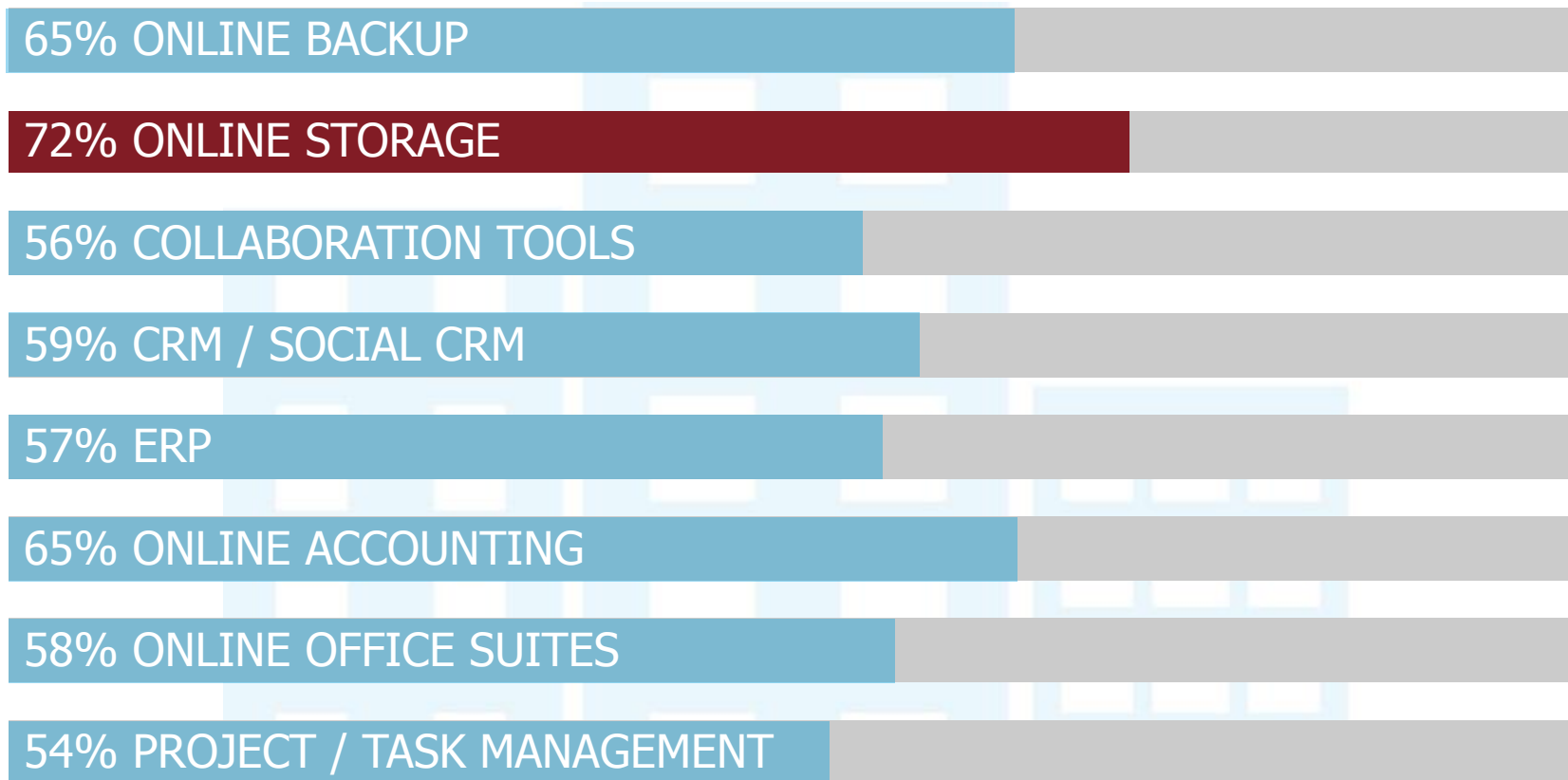
45% - REST OF WORLD

PLATFORM AS A SERVICE (PAAS)

53% - U.S.

41% - ROW

DATA PROTECTION CONCERNS ARE HIGH FOR ALL SAAS APPLICATIONS



GLOBAL RATES OF VERY OR EXTREMELY CONCERNED

TOP 3 DATA SECURITY CONCERNS

FOR CLOUD SERVICES

#1 LACK OF CONTROL
OVER THE LOCATION
OF DATA



#2 INCREASED VULNERABILITIES
FROM SHARED
INFRASTRUCTURE



#3 PRIVILEGED USER ABUSE AT
THE CLOUD PROVIDER



TOP 3 IT SECURITY CHANGES TO INCREASE ENTERPRISE CLOUD ADOPTION

55%



**ENCRYPTION OF DATA WITH
ENTERPRISE KEY CONTROL**

52%



**SERVICE LEVEL COMMITMENTS
& LIABILITY TERMS FOR A
DATA BREACH**

48%



**EXPLICIT SECURITY DESCRIPTIONS
AND COMPLIANCE COMMITMENT**

BIG DATA ENVIRONMENTS

SENSITIVE DATA USE IS GROWING

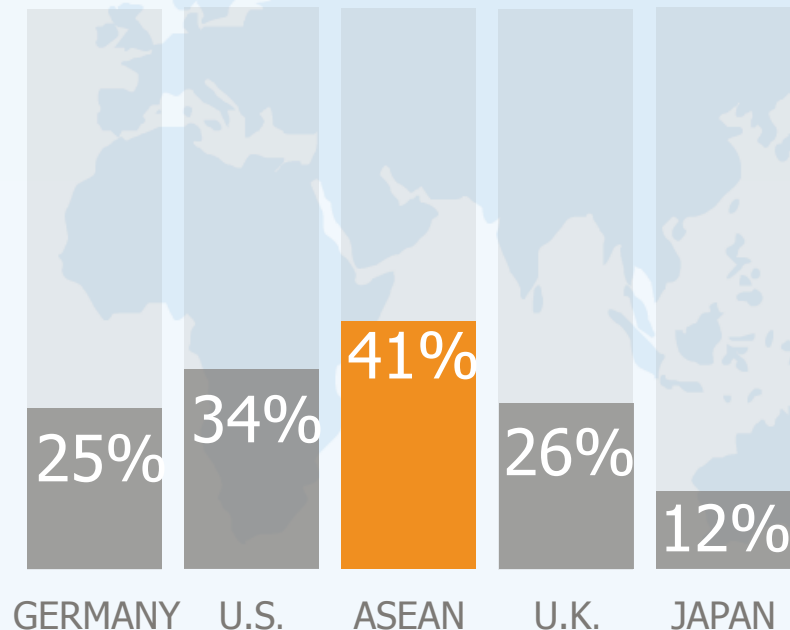
30%

GLOBALLY CHOSE BIG DATA ENVIRONMENTS AS A TOP THREE LOCATION FOR VOLUMES OF SENSITIVE DATA

DOUBLE JEOPARDY

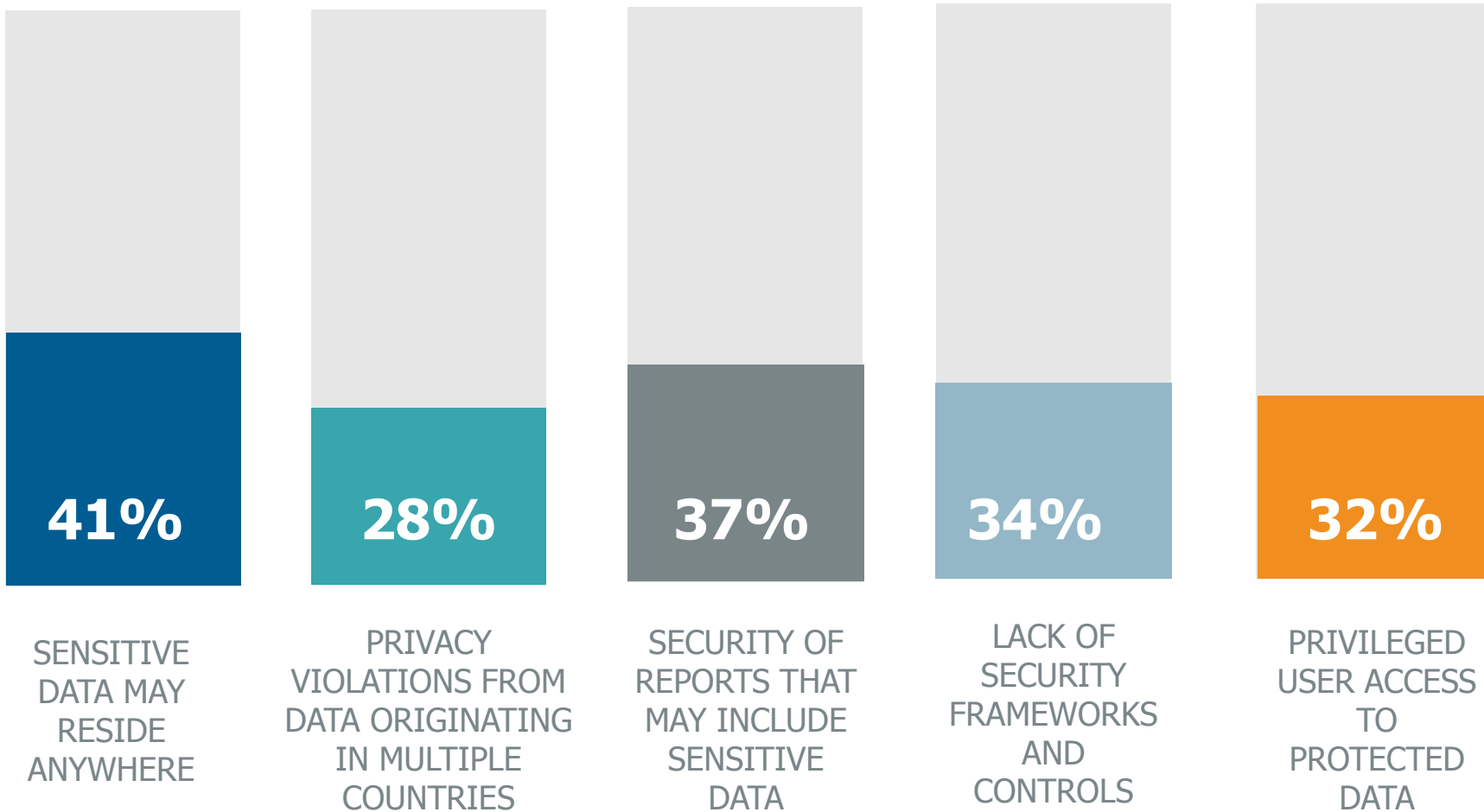
BIG DATA IS OFTEN IMPLEMENTED IN THE CLOUD

TOP 3 SELECTION FOR LOSS OF VOLUMES OF SENSITIVE DATA



GLOBAL DATA SECURITY

CONCERNS FOR BIG DATA



CLOUD PROVIDERS ACTIONS TO ENABLE ENTERPRISE BUSINESS



PROVIDE A STRONG SET OF DATA PROTECTION AND ENCRYPTION SERVICES



GIVE ENTERPRISE CUSTOMERS CONTROL OF THEIR ENCRYPTION KEYS



DOCUMENT THE DETAILS OF YOUR SECURITY STANCE



TAILOR SECURITY SERVICE OFFERINGS TO MATCH ENTERPRISES RISK PROFILE

**DATA
BREACH**

COMMIT TO A SPECIFIC RESPONSE SET TO A DATA BREACH INCIDENT

Questions?