

It Takes a Village: CSR Programs For the Next Generation of InfoSec Workers

Moderator:

Julie Peeler
(ISC)² Foundation

Panelists:

Jim Connelly
Lockheed Martin, Corporate
Information Security

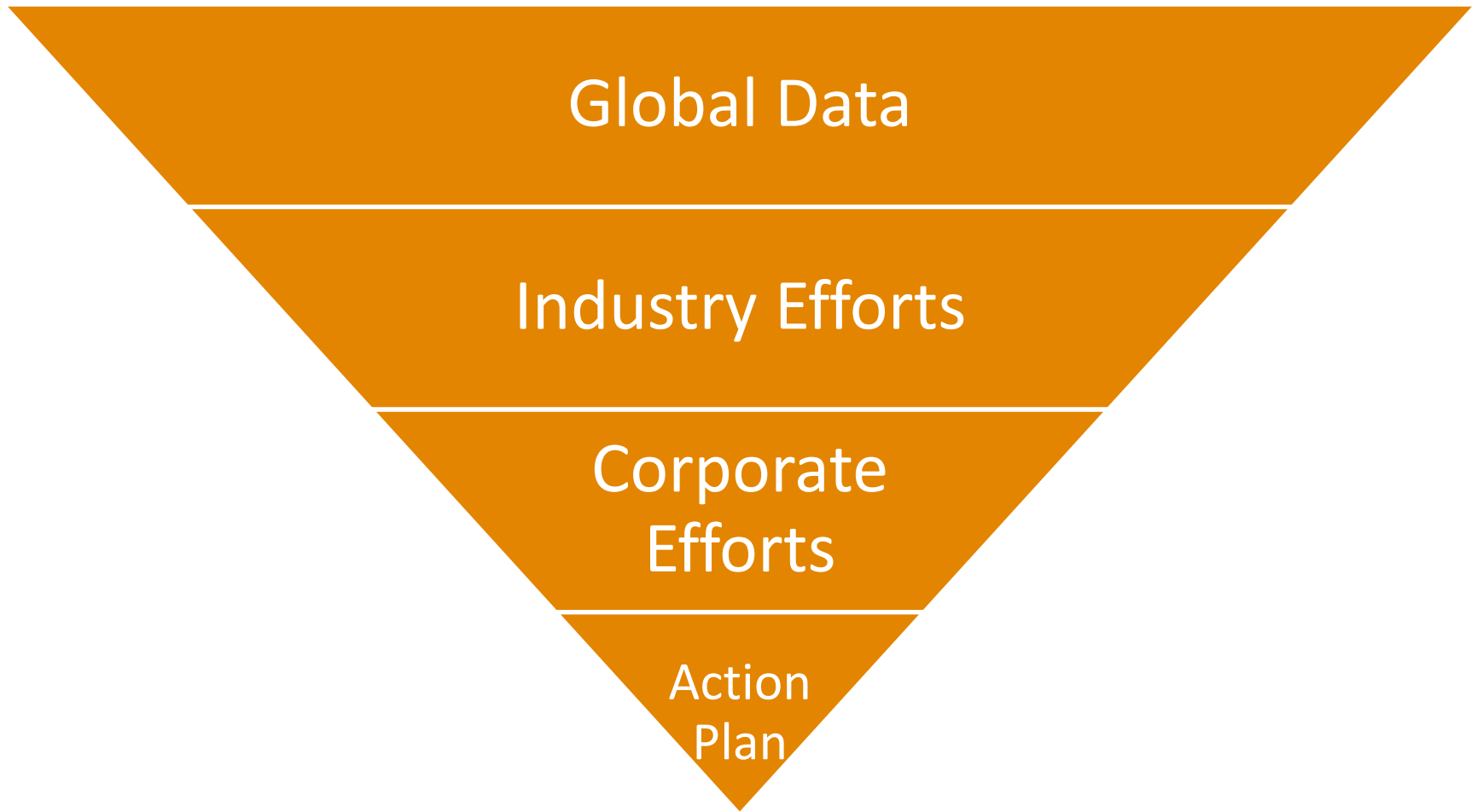
William Stewart
Booz Allen Hamilton

Elise Yacobellis
(ISC)²

Security in
knowledge



Agenda: Tackling the Workforce Shortage



Double-Digit Growth in Information Security Profession

- ▶ **Frost & Sullivan's prediction on number of information security professionals – up 332 thousand worldwide in 2013 and continuing double-digit percent growth**

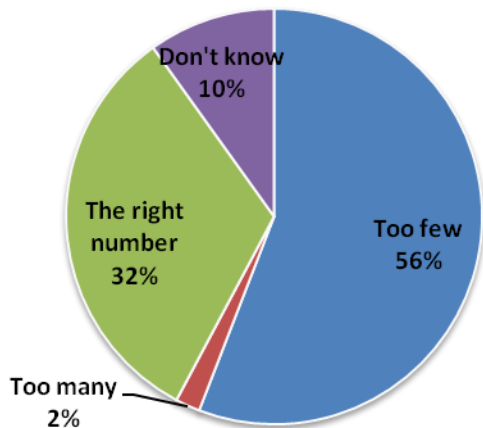
Thousands	2010	2011	2012	2013	2014	2015	2016	2017	2012-2017 CAGR
Americas	921	1,045	1,181	1,331	1,495	1,673	1,867	2,081	12.0%
EMEA	617	704	797	892	995	1,108	1,230	1,363	11.3%
APAC	748	817	894	981	1,079	1,191	1,320	1,463	10.4%
Total	2,286	2,566	2,872	3,204	3,568	3,972	4,416	4,908	11.3%

Ranks of information security professionals have grown substantially even during harsh economic times.

The long-standing contributors of more business operations occurring over networks, public and private, and a motivated, organized, and diverse assortment of threat actors are non-reversing trends.

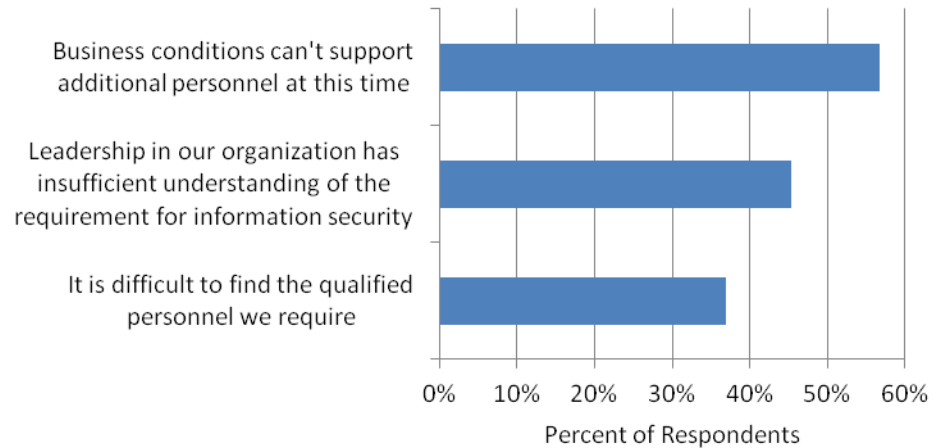
Contributing to Strain on Preparedness: Too Few Information Security Workers

Does your organization currently have the right number of info. security workers?

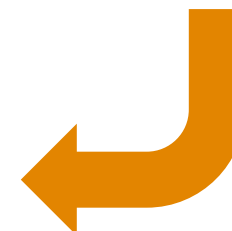
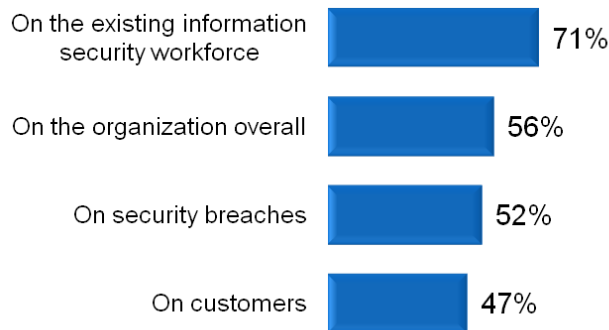


47% selected Security Analyst as being in short supply

Reasons for Too Few Information Security Workers



Impact of Shortages (Very Great Impact and Great Impact)



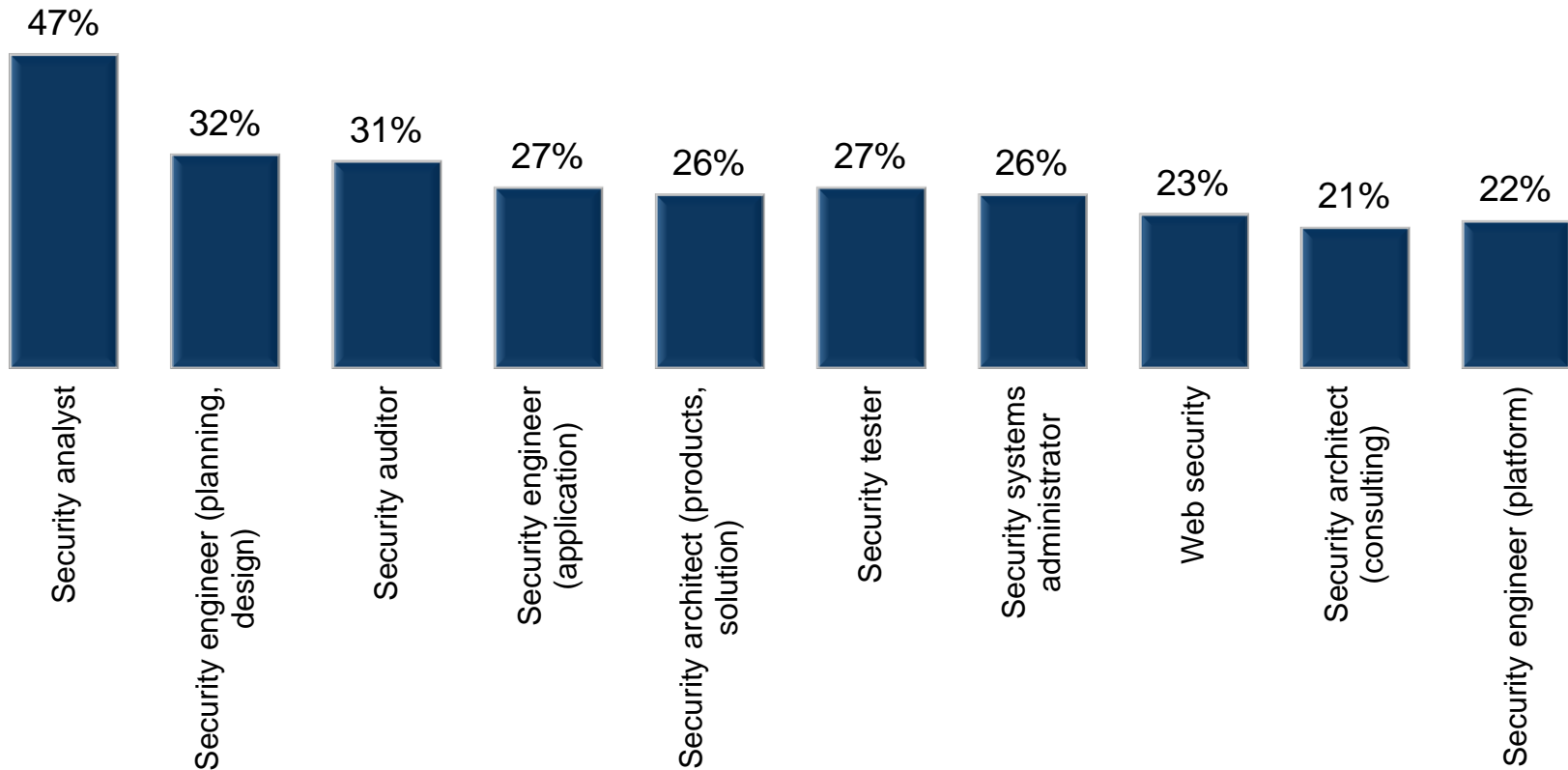
Greatest impact on existing information security workforce

30% expect spending on info. security personnel to increase over next 12 months; 28% on training and education



Combined Worldwide 2012 Shortages by Job Titles (Top 10)

Shortages by Job Titles (Top 10)



Corporate Efforts



Open Discussion/ Action Plan

