THE STATE OF CYBERSECURITY

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ORANGE COUNTY REGION

BEST SHOWN BY WAY OF EXAMPLE

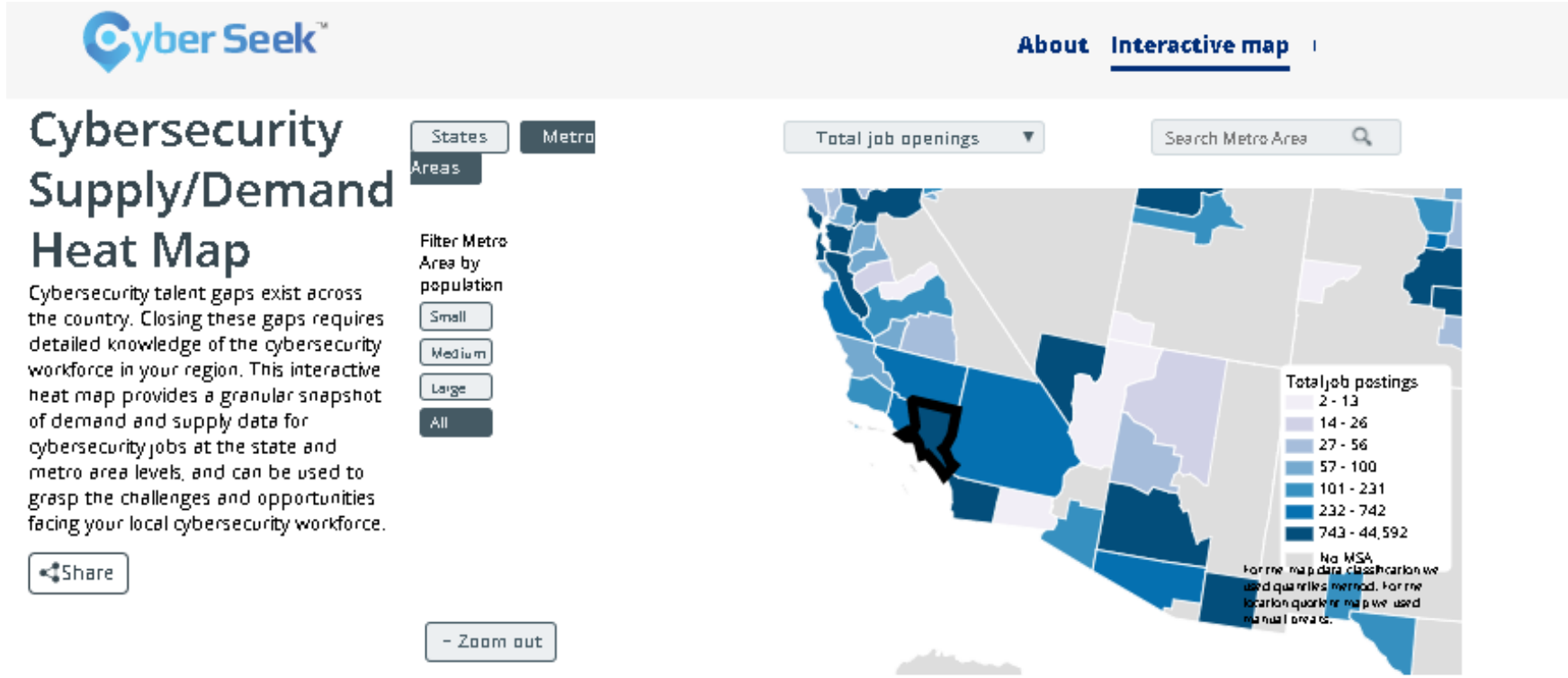
- A GOOD EXAMPLE - HTTPS://MYGCC.GLENDALE.EDU/PSMYGCC/LOGIN.ASP
- A NOT-SO-GOOD EXAMPLE - HTTPS://SERVICES.LACCD.EDU/DISTRICTSITE/SIS_LOGON.ASP

- TOOL - HTTPS://WWW.SSLLABS.COM/SSLTEST/

- ACCESS TO VIDEO PRESENTATION - HTTP://BIT.LY/LAOCRC-CYBERVIDEO

WORKFORCE SHORTAGE

WWW.CYBERSEEK.ORG



Los Angeles-Long Beach-Anaheim, CA

TOTAL CYBERSECURITY JOB OPENINGS

10,759

TOTAL EMPLOYED CYBERSECURITY WORKFORCE

26,558

SUPPLY OF CYBERSECURITY WORKERS

Very Low

CYBERSECURITY WORKFORCE SUPPLY/DEMAND RATIO

Los Angeles-Long Beach-Anaheim

2.47

National average

2.5

GEOGRAPHIC CONCENTRATION

Average

LOCATION QUOTIENT

Los Angeles-Long Beach-Anaheim, CA

0.870

National average

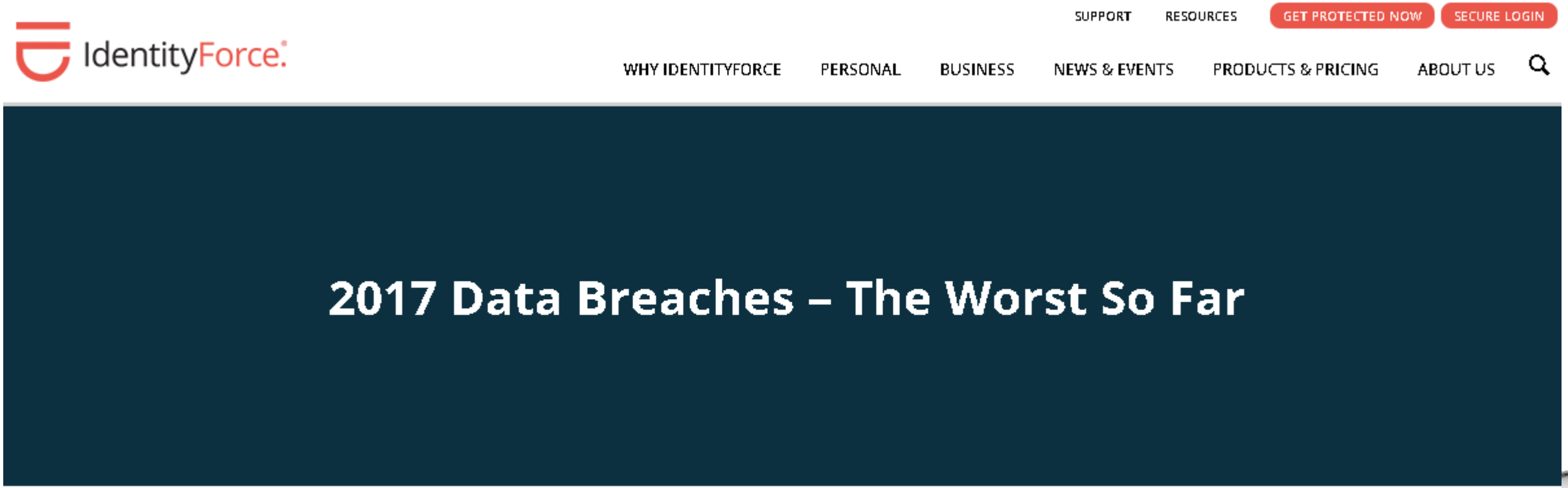
1.0

TOP CYBERSECURITY JOB TITLES

- Cyber Security Engineer
- Network Engineer / Architect
- Cyber Security Analyst
- Cyber Security Manager / Administrator
- Software Developer / Engineer
- Systems Engineer
- Systems Administrator
- Vulnerability Analyst / Penetration Tester
- Internal Auditor

WHERE WE ARE

HTTPS://WWW.IDENTITYFORCE.COM/BLOG/2017-DATA-BREACHES



WHERE WE ARE HEADED

HOW WE NEED TO RESPOND

- STRENGTHEN PATHWAY PIPELINE – CYBERPATRIOT (WWW.USCYBERPATRIOT.ORG) AND CYBERHUB (WWW.CA-CYBERHUB.ORG)
- DEDICATE RESOURCES TO CYBERSECURITY (PROGRAM CREATION AND EXPANSION)
- SUPPORT CURRICULUM ALIGNMENT (C-ID IT IS MODEL CURRICULUM FOR ALL PARTICIPATING COLLEGES)
- DEAL WITH THE LACK OF CYBERSECURITY TRANSFER INSTITUTIONS
- ADEQUATELY MARKET CYBERSECURITY AS AN EMERGING FIELD
- INCREASE THE NUMBER OF NSA/DHS CENTERS OF ACADEMIC EXCELLENCE IN CYBER DEFENSE – 2 YEAR (CAE2Y) TO MORE THAN JUST COASTLINE COMMUNITY COLLEGE
- ADOPT BEST CYBERSECURITY DEFENSIVE PRACTICES IN ALL OF OUR AFFAIRS

QUESTIONS

- ANSWERS:
  - ACCESS TO POWERPOINT SLIDES: HTTP://BIT.LY/LAOCRC-CYBER