SECURITY IN CONTINUOUS DELIVERY ENVIRONMENT

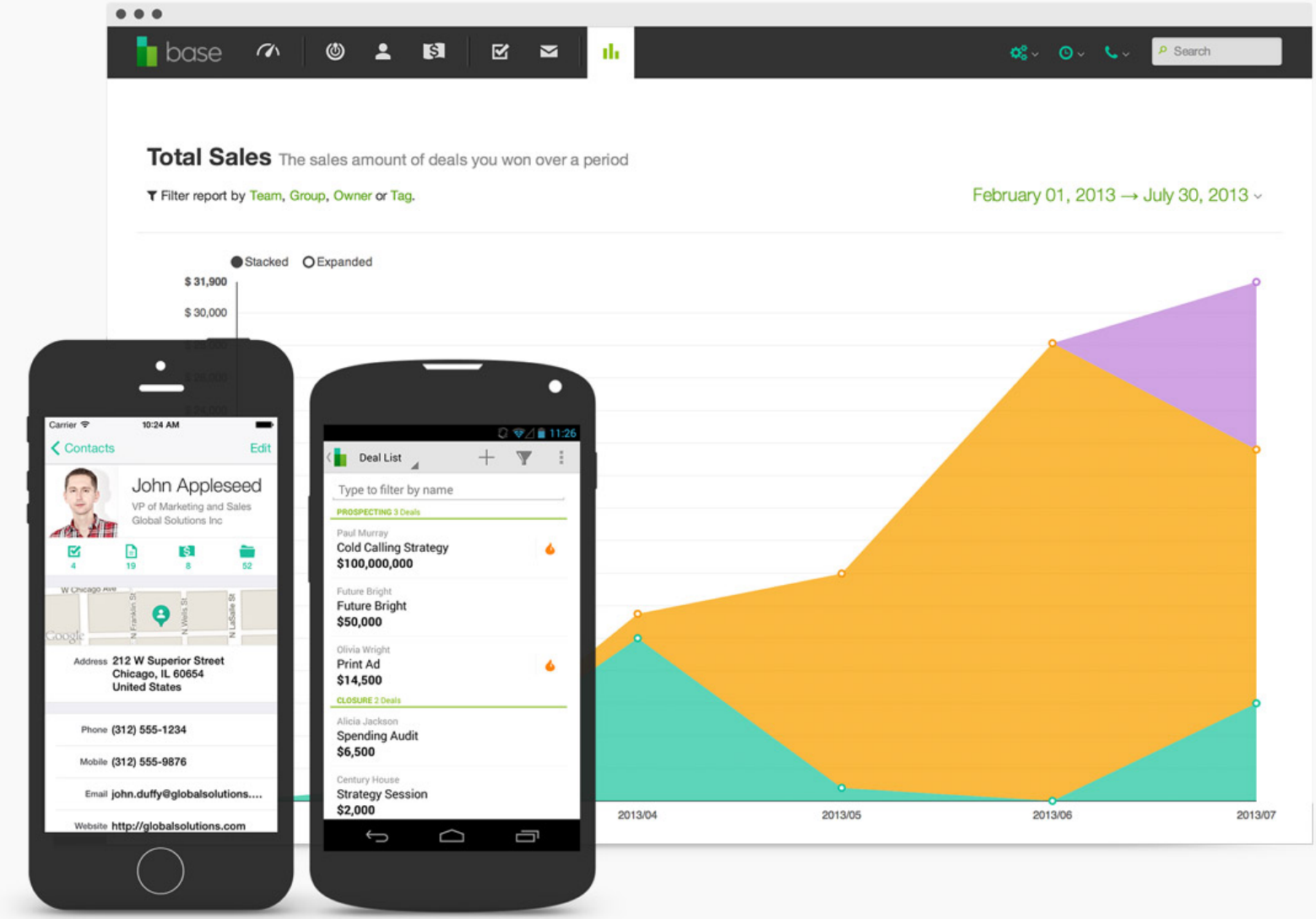
WITH A STRONG MIX OF SOA

Created by Jakub Nawalaniec / @panpielgrzym

WHO AM I?

Jakub Nawalaniec — Security Engineer @ Base CRM

WHAT IS BASE?


base
Search
Total Sales The sales amount of deals you won over a period
Filter report by Team, Group, Owner or Tag.
February 01, 2013 → July 30, 2013
Stacked
Expanded
$ 31,900
$ 30,000
2013/04
2013/05
2013/06
2013/07
Carrier
10:24 AM
Contacts
Edit
John Appleseed
VP of Marketing and Sales
Global Solutions Inc
Address 212 W Superior Street
Chicago, IL 60654
United States
Phone (312) 555-1234
Mobile (312) 555-9876
Email john.duffy@globalsolutions....
Website http://globalsolutions.com
11:26
Deal List
Type to filter by name
PROSPECTING 3 Deals
Paul Murray
Cold Calling Strategy
$100,000,000
Future Bright
Future Bright
$50,000
Olivia Wright
Print Ad
$14,500
CLOSURE 2 Deals
Alicia Jackson
Spending Audit
$6,500
Century House
Strategy Session
$2,000

WHAT IS BASE?

POST-PC CRM

SOA

AMAZON EC2

CONTINUOUS DELIVERY @BASE
SELF SUFFICIENT TEAMS

CONTINUOUS DELIVERY @BASE
SELF SUFFICIENT TEAMS
EXPERIENCES

GRID

CREATE

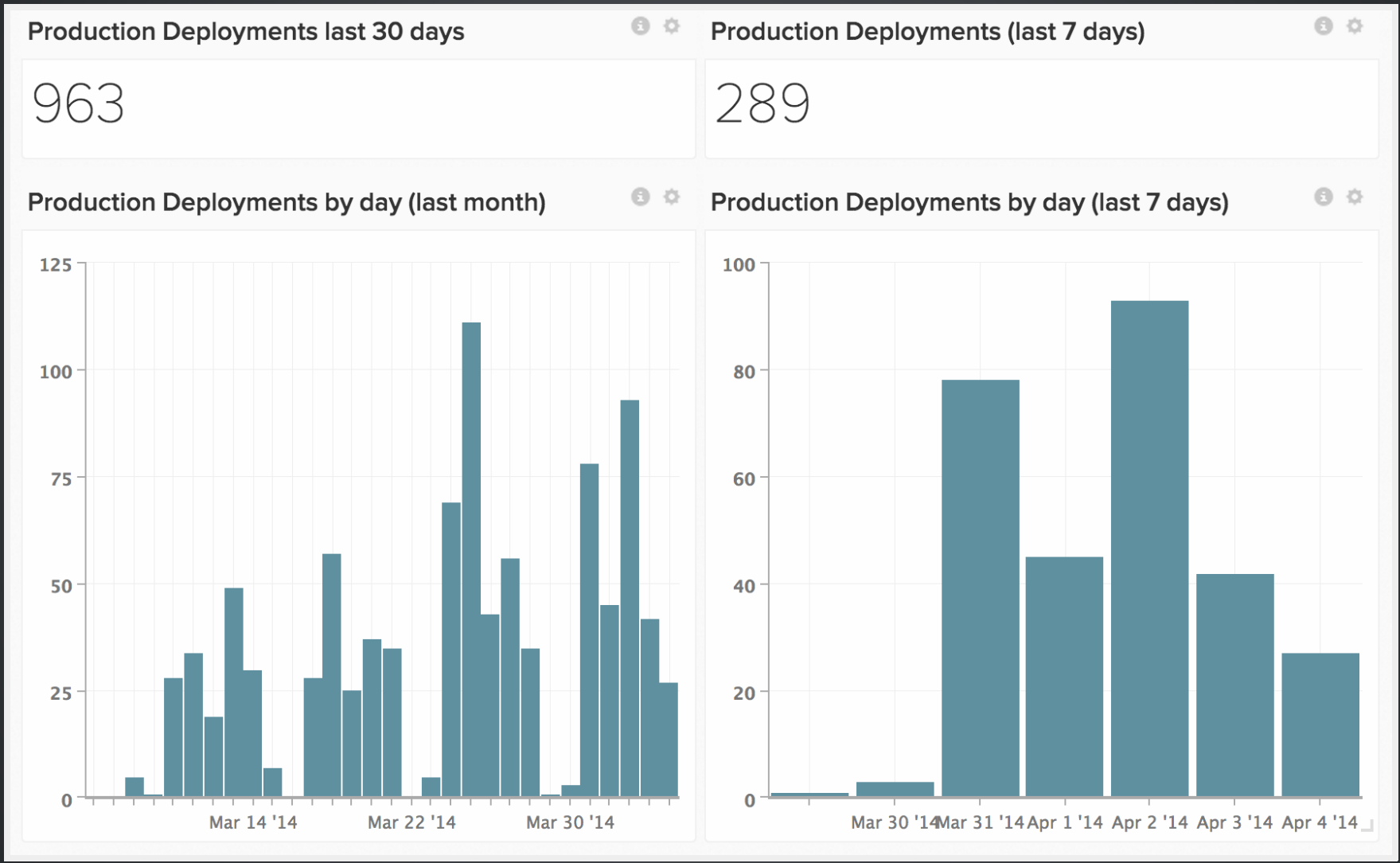
DEPLOY

MAINTAIN

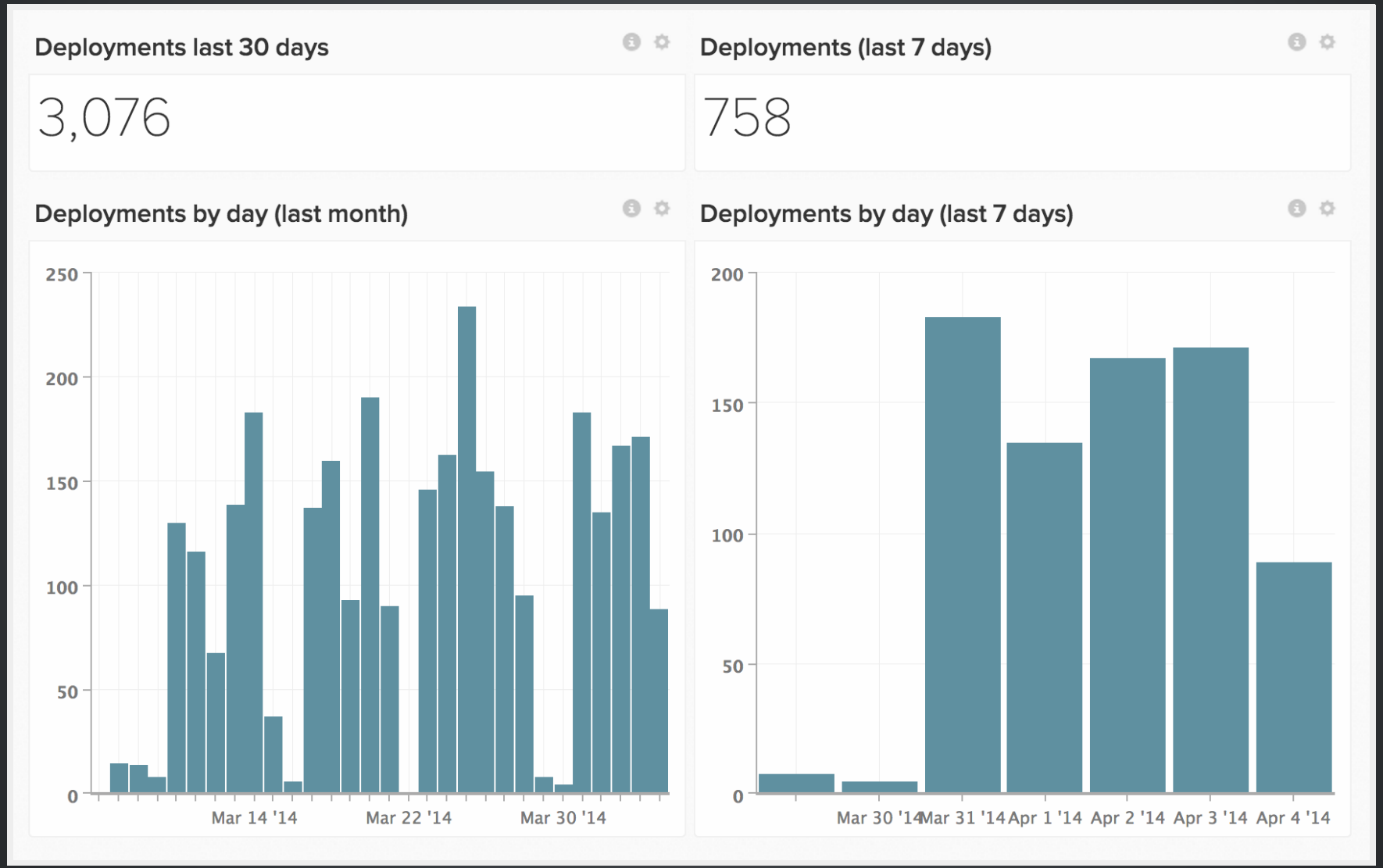
MULTIPLE ENVIRONMENTS

- Development
- Sandbox
- Staging
- Production

DEVELOPMENT SPEED



...IN ALL ENVIRONMENTS



SECURITY CONCERNS?

LEGACY APIS

/API/V1/HELLO.JSON

/API/V2/HELLO.JSON

/API/V4/HELLO.JSON

DUPLICATE FUNCTIONALITIES

SHARED FUNCTIONALITIES

DEPENDENCIES

REIMPLEMENTING THE WHEEL

IS THERE HOPE?

FIGHTING BLOAT

DIVIDE FAT MICRO-SERVICES

REPLACE LEGACY MICRO-SERVICES

AUTOMATE!

INTEL

ANALYZE DEPENDENCIES

AGGREGATE VULNERABILITIES INFO

AGGREGATE SERVICE METADATA

WHY DO IT YOURSELF?

MULTIPLE PLATFORMS SUPPORT

INFORMATION SOURCE MASHUP

EASY TO EXPAND AND CUSTOMIZE

METRIC INTEGRATION FTW

SO WE WON?

NOPE.

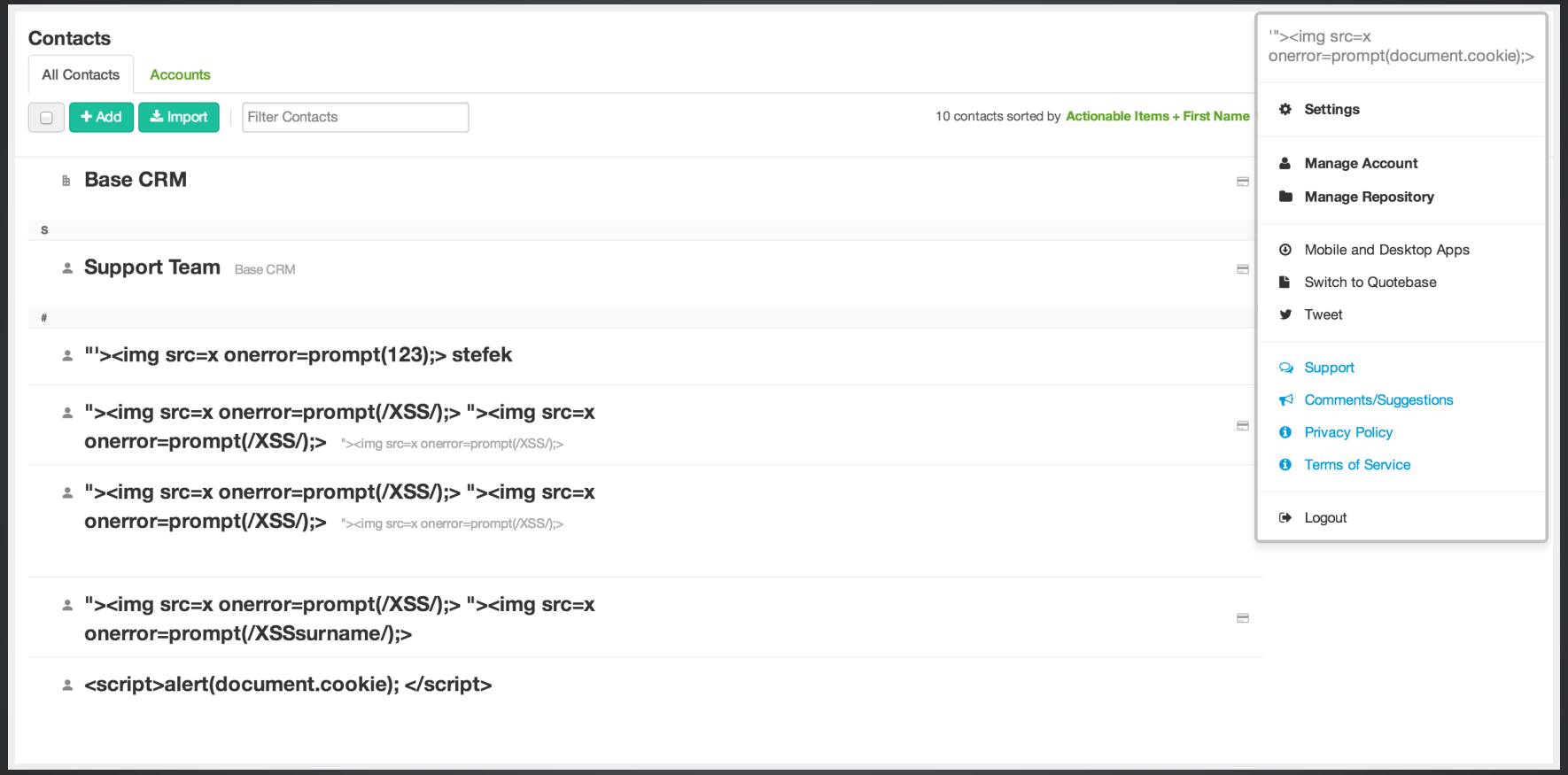
HERE IS WHY:

LIMITED CONTEXT AWARENESS

SERVICES INTERACTIONS

ANALYSIS SPEED

???


Contacts
All Contacts
Accounts
+ Add
Import
Filter Contacts
10 contacts sorted by Actionable Items + First Name
Base CRM
s
Support Team
Base CRM
#
"'><img src=x onerror=prompt(123);> stefek
"><img src=x onerror=prompt(/XSS/);> "><img src=x onerror=prompt(/XSS/);>
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<script>alert(document.cookie); </script>
'"><img src=x onerror=prompt(document.cookie);>
Settings
Manage Account
Manage Repository
Mobile and Desktop Apps
Switch to Quotebase
Tweet
Support
Comments/Suggestions
Privacy Policy
Terms of Service
Logout

BUG BOUNTY

BUG BOUNTY

PENTEST
MONITOR
MEASURE

THANKS!