

Super Intelligence

RESCUE
PRISON BREAK

UTR-43



SCORPION

When Failure is Not an Option

UNIT S1

UNIT S2

UNIT S3

UNIT L9

UNIT 23

UNIT 8H

UNIT 4N

UNIT 4R

LOC: 3988
RCL: 6077167
AG: 73
DIS: 790001

UNIT

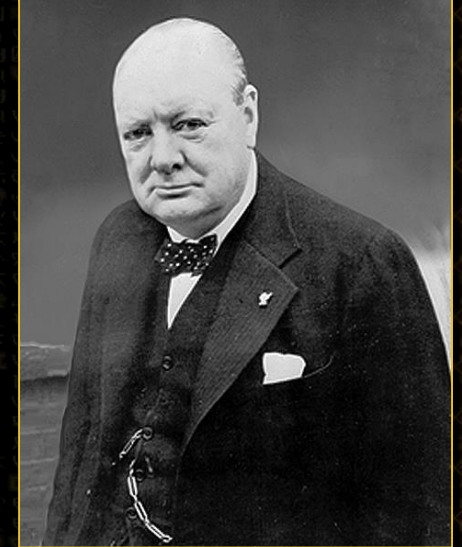
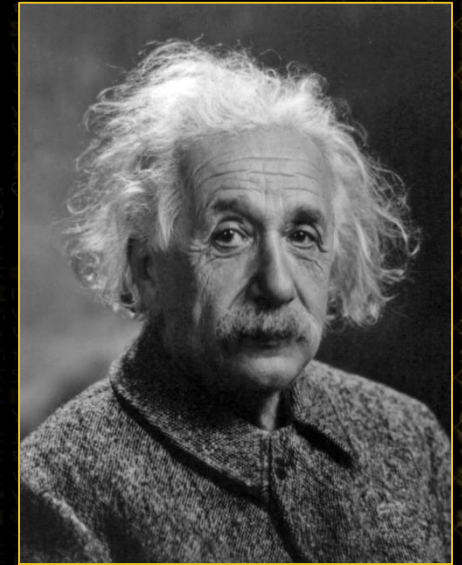
PRECISION: 2161656
TEMPERATURE: 234
LINE 1: 600200302050 / 1 1010
LINE 2: 610343554 / 1
LINE 3: 23027000 / 3
LINE 4: 943055
THRUST: 484325
PI: 7070254245
NS: 6007240506
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Intelligence & Education

- Scorpion started company at 13 after hacking incident
- Hired other prodigies with Hi-IQ
- Hired super nannies with Hi-EQ to re-engineer ourselves
- Formed a think tank as a home for the mentally enabled
- Innovated 150+ products and processes



IQ Vs EQ



Worked With

US Army Joint Systems Integration Lab

US Navy Command & Control System

Largest Mutual Fund \$1.9 Trillion

Largest Electrical Utility Provider

Largest Insurance Company

Largest CC Company

Largest Casino Group

Largest Healthcare

Large Government Systems



Scorpion: The Real Company Behind the TV Drama

#1 Rated Show



1. There's a place for everyone who never fit in
2. Every problem has a solution
3. Celebrate intelligence before sports

Community Impact: HP Code Wars California Science Center State Science Fair



ScenGen Summary

RAF automates the running of tests.

ScenGen automates the “thinking” of tests. ScenGen is an AI engine that generates all possible scenario combinations for a given App Model

Windows, Linux, Unix & VMs supported

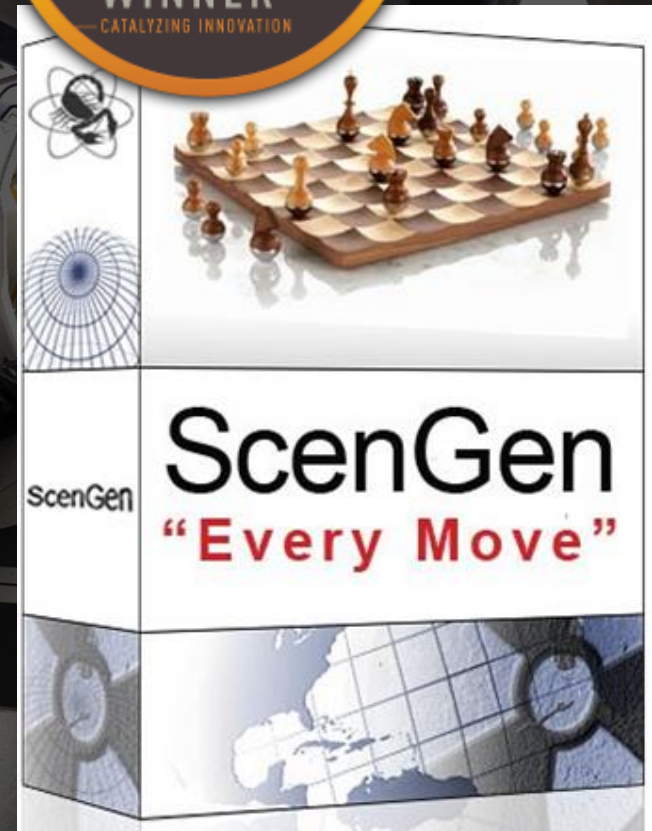
Legacy Systems support

System of Systems support (switching)

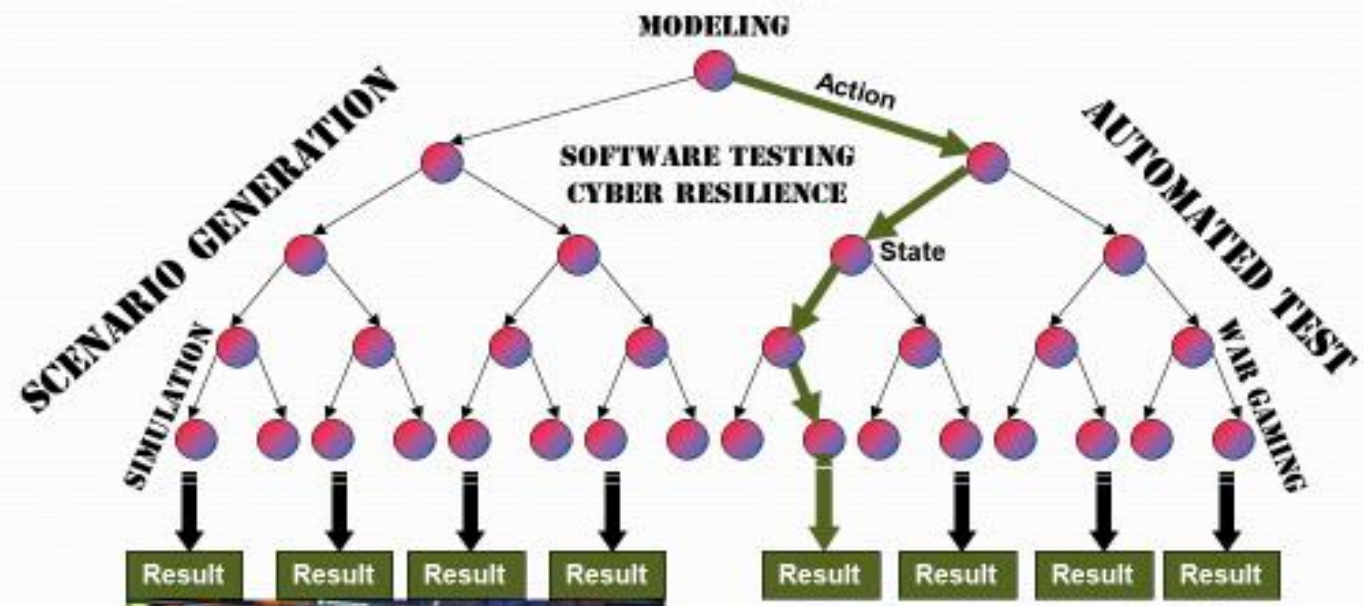
Remote access support

100% environment integrity

No local network access, No source code access, No target install, Language agnostic



Scientific Approach



ScenGen combines the following techniques:

- Forward Tracking general problem search (GPS)
- Back Tracking general problem search (BGPS)
- Finite State automaton
- Deterministic and Nondeterministic
- In a single recursive algorithm
- In raw ANSI C (No MS Libraries)
- With a scalable virtual pointer tree structure

Unlimited Applications

- Scorpion Cyber Vault
- National Background Investigation Bureau
- CYBER Testing
- UAS Swarm Warfare



Push Button Rapid Automation





ScenGen Mission Planning

- ScenGen Model of Afghan network
- Replacing the “Chess” pieces with all known variables



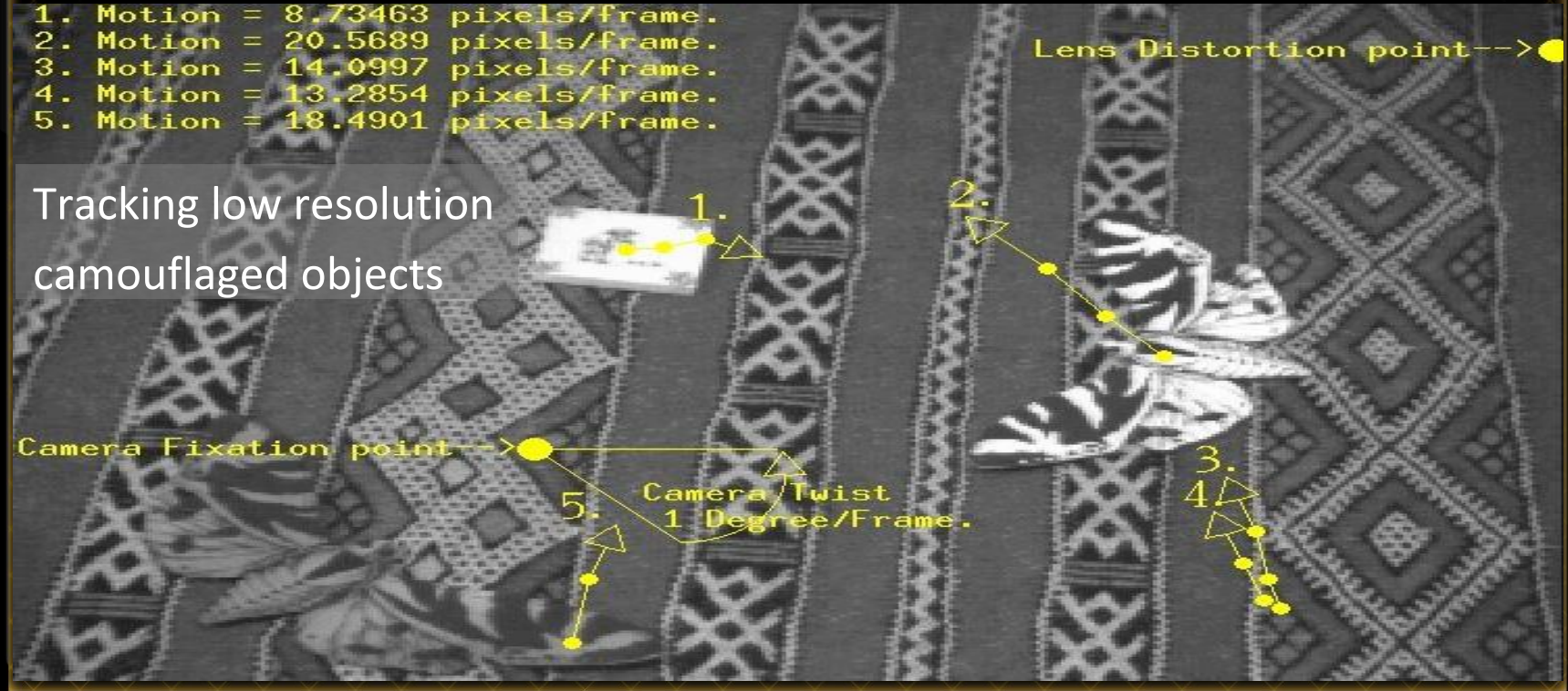


Separating a cats whiskers from it's hairs



- 1. Motion = 8.73463 pixels/frame.
- 2. Motion = 20.5689 pixels/frame.
- 3. Motion = 14.0997 pixels/frame.
- 4. Motion = 13.2854 pixels/frame.
- 5. Motion = 18.4901 pixels/frame.

Tracking low resolution camouflaged objects



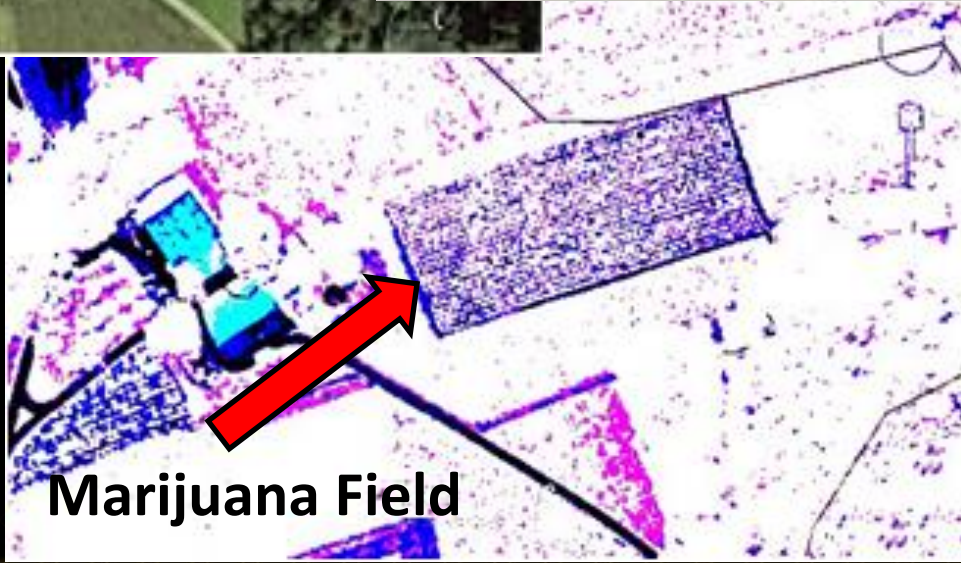
Intelligent Surveillance from 30,000 ft.



THIRD ARM



Intelligent Surveillance



Marijuana Field

Irish computer genius 'Scorpion' lands AI drone deal with US Army

by John Kennedy

18 JAN 2018

117 SHARES



The US Army's MQ-1C Warrior UAV. Image: US Army



Irishman with hit US TV show based on his life to bring AI to cutting edge of tomorrow's battlefield.

ScenGen Unmanned the Unmanned Aerial Vehicle (UAV)



Weekend takeaway: Living to learn

1 DAY AGO



New stunning image of the cosmos reveals 'eggcellent' bird-like galaxy

1 DAY AGO



HSE interim CIO Jane Carolan: 'Data is untapped wealth for health'

1 DAY AGO

Vodafone IoT Barometer 2017/18 is available now

Scorpion Commercial to Government Tech Transfer

SCENGEN **RAF** **SEREM** **NORMALIZERS**

TECHNOLOGY
TRANSFER
disruption

CYBER VAULT
CYBER VISION
CYBER GARAGE
RETRO LOG
BEHAVIOR GUARD

Scorpion Cyber Vault (SCV)

Securing the System, its Configuration and the Data

Author: Walter O'Brien, Revision 1.0



GOV Governance

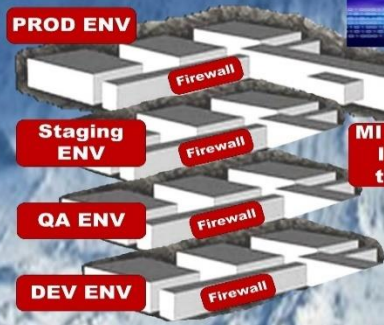
CM Config MoM

**SG ScenGen
Tester/Normalizer**

AA Access Administration

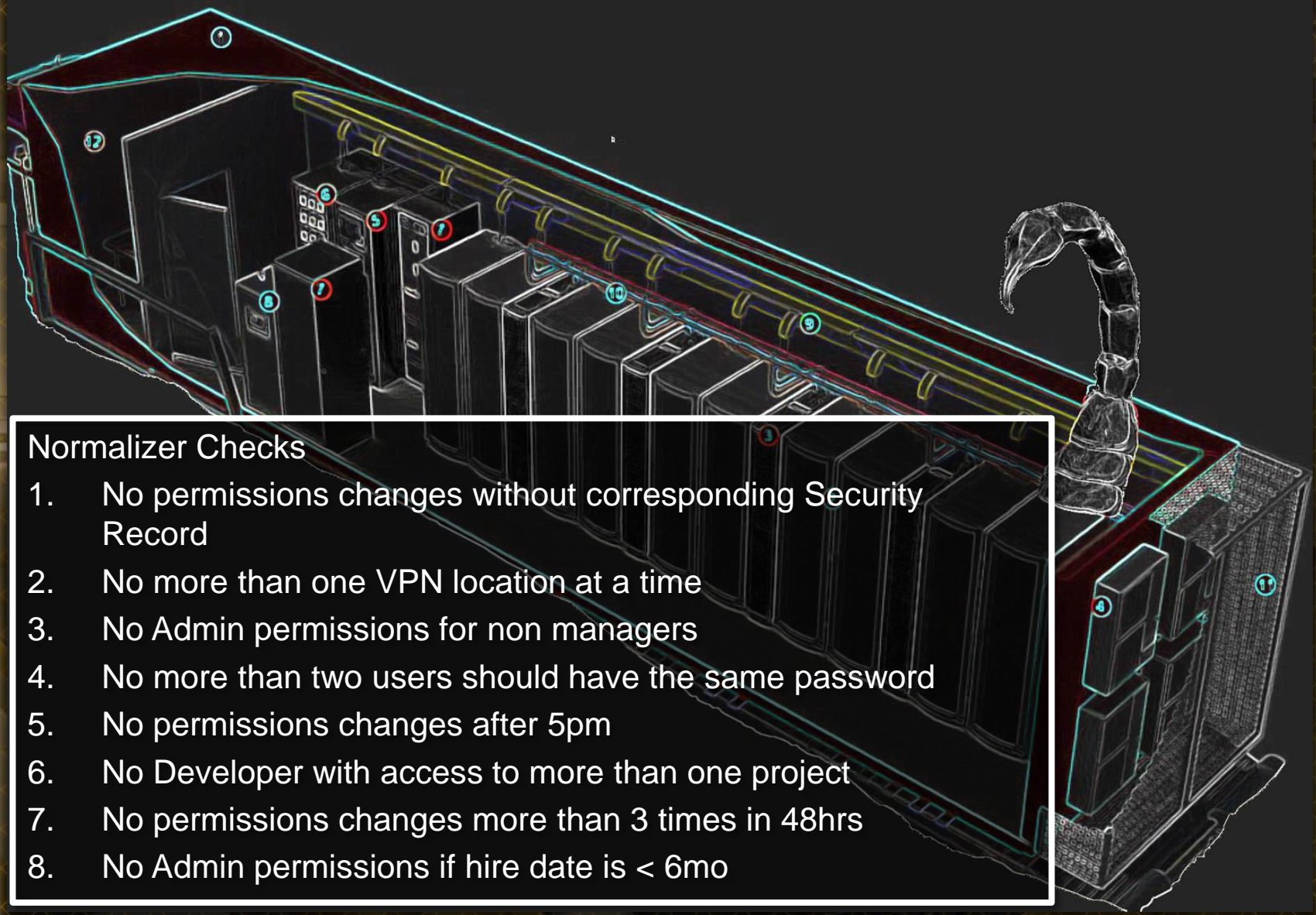
SRC Source Control

Firewall



**MI Migration
Integrity
thru SOD**





- ### Normalizer Checks
1. No permissions changes without corresponding Security Record
 2. No more than one VPN location at a time
 3. No Admin permissions for non managers
 4. No more than two users should have the same password
 5. No permissions changes after 5pm
 6. No Developer with access to more than one project
 7. No permissions changes more than 3 times in 48hrs
 8. No Admin permissions if hire date is < 6mo



CYBER Vault

Cyber Vision

- We process visuals 60,000x faster than text.
- Visual analogies:
 - Systems = Planets
 - Security Vuls = Craters
 - Bandwidth Usage = Size
 - Communication = Gravity
 - Network = Pipelines
 - Data Flow = Water streams
 - Abnormalities = Acne
- All in Oculus Rift!



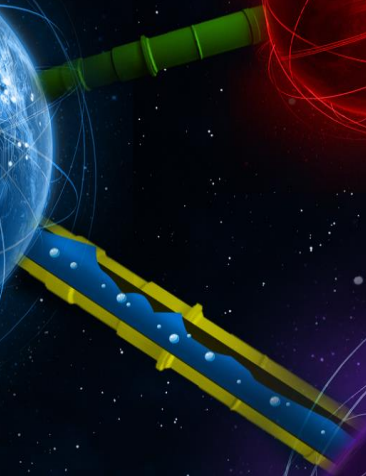
EMAIL SERVER



FIREWALL



DATABASE SERVER



STORAGE SERVER



CYBER Garage



Configure and deploy entire CYBERtropolis ranges “on demand” based on the user needs

Imagine if a CYBER garage was set up with all the latest cyber technology components (servers, operating systems, firewalls, etc.) to train our federal government warfighters and civil servants on how best to attack and defend our environment?

Think of it as highly adaptable motion picture set but in the CYBER virtual environment.





RETRO

LOG

Modern systems exist that can analyze detailed system logs and determine if the behavior of the application is appropriate

- The majority of government systems are legacy and don't have detailed logging
 - Limiting their ability to take advantage of this modern day cyber security technology.
- Re-writing these systems would be cost prohibitive
- Imagine if a system was smart enough to automatically know where to retro-fit modern logging code into legacy systems bridging this technology gap

Scorpion Retro-log is a system that addresses this challenge.



Behavior Guard



The data gap:

"our ability to gather data had exceeded our ability to make use of it"

The Behavior Guard consolidates disparate, non-standard, non-active directory, non-integrated admin and security systems across platforms. Write access is optional.

If you can see it, we can automate it

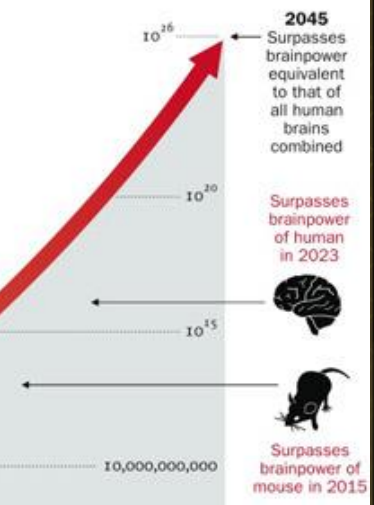
1 The accelerating pace of change ...



2 ... and exponential growth in computing power ...

Computer technology, shown here climbing dramatically by powers of 10, is now progressing more each hour than it did in its entire first 90 years

3 ... will lead to the Singularity



COMPUTER RANKINGS

By calculations per second per \$1,000

Analytical engine
Never fully built, Charles Babbage's invention was designed to solve computational and logical problems.

Colossus
The electronic computer, with 1,500 vacuum tubes, helped the British crack German codes during WW II

UNIVAC I
The first commercially marketed computer, used to tabulate the U.S. Census, occupied 943 cu. ft.

Apple II
At a price of \$1,298, the compact machine was one of the first massively popular personal computers

Power Mac G4
The first personal computer to deliver more than 1 billion floating-point operations per second

