

HORIZONS

The Planview Customer Conference

October 14–16 2015 | Austin, Texas

SUPERCHARGED APPLICATION PORTFOLIO & IT ASSET MANAGEMENT

WILLIAM J ROBINSON
SANDIA NATIONAL LABS

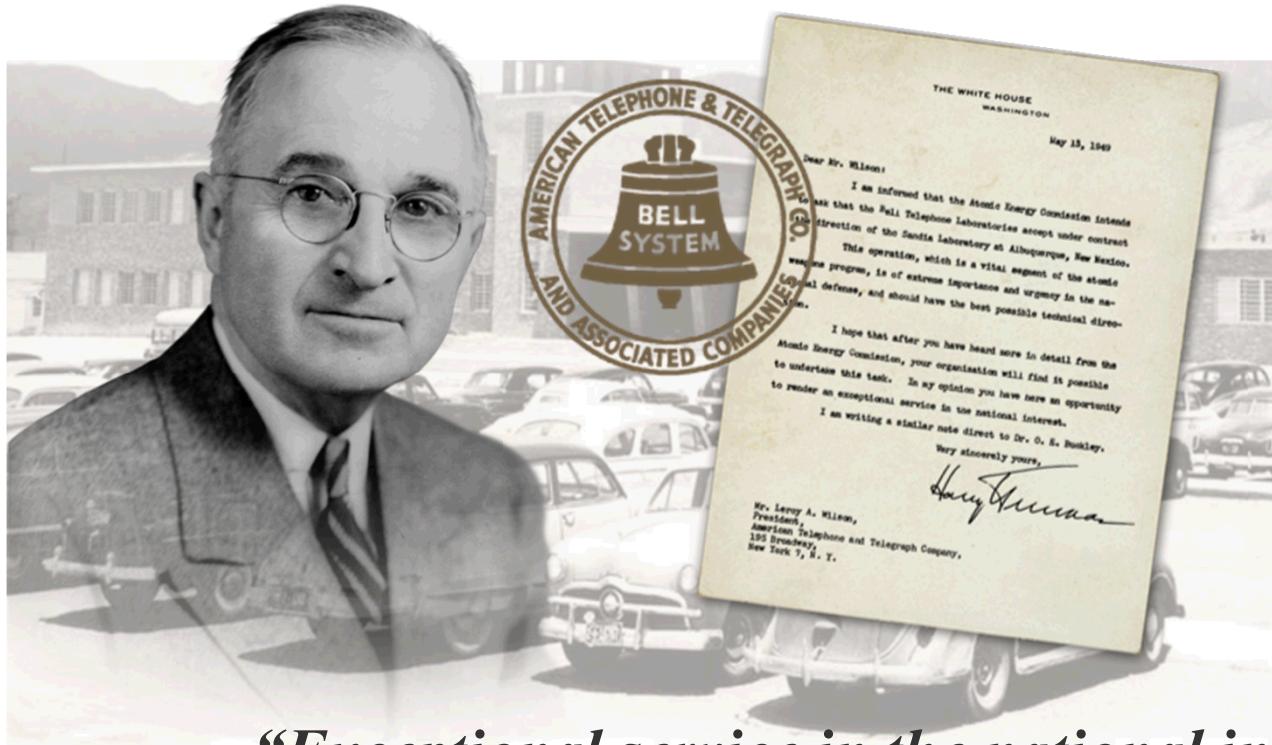


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SANDIA'S HISTORY...



“Exceptional service in the national interest.”

PLANVIEW

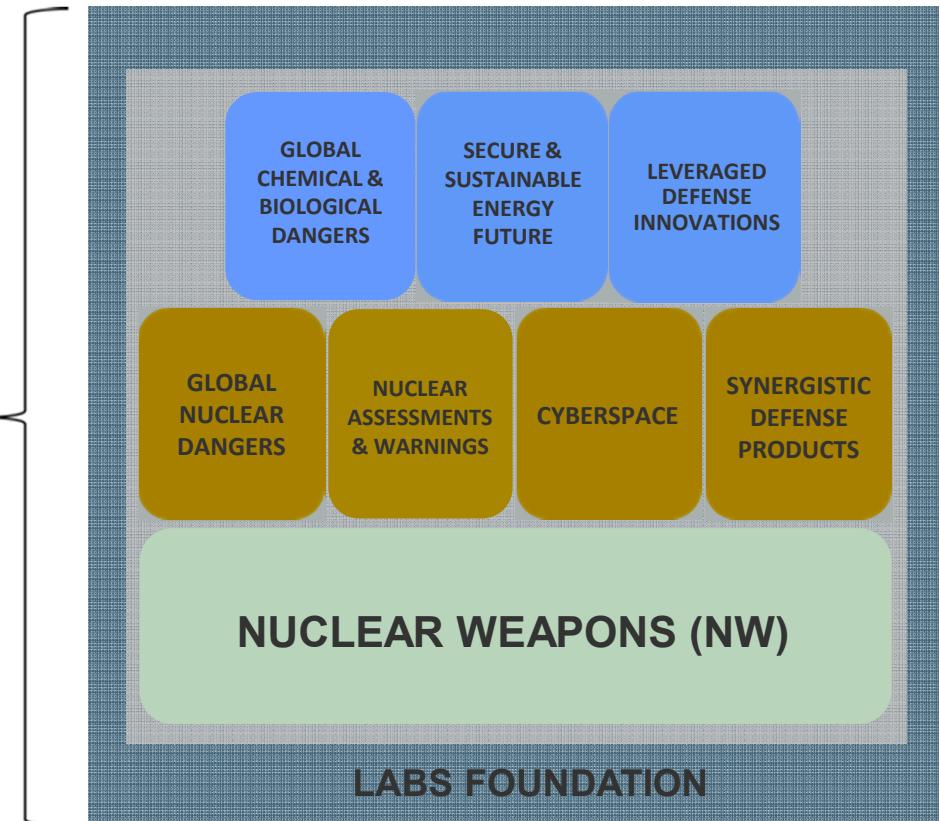
HORIZONS

- **July 1945:** Los Alamos creates Z Division
- Nonnuclear component engineering
- **November 1, 1949:** Sandia Laboratory established
- **1949–1993:** AT&T
- **1995–Present:** Lockheed Martin Corporation



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OUR
NATIONAL
SECURITY
MISSIONS



SINCE THE 1950s,
SANDIA'S NON-
NW MISSION
WORK HAS
INCREASED
FROM 0% TO 60%



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WHERE ARE WE?

Albuquerque, NM



Livermore, CA



Kauai, HI



Waste Isolation Pilot
Plant,
Carlsbad, NM

Pantex Plant,
Amarillo, TX



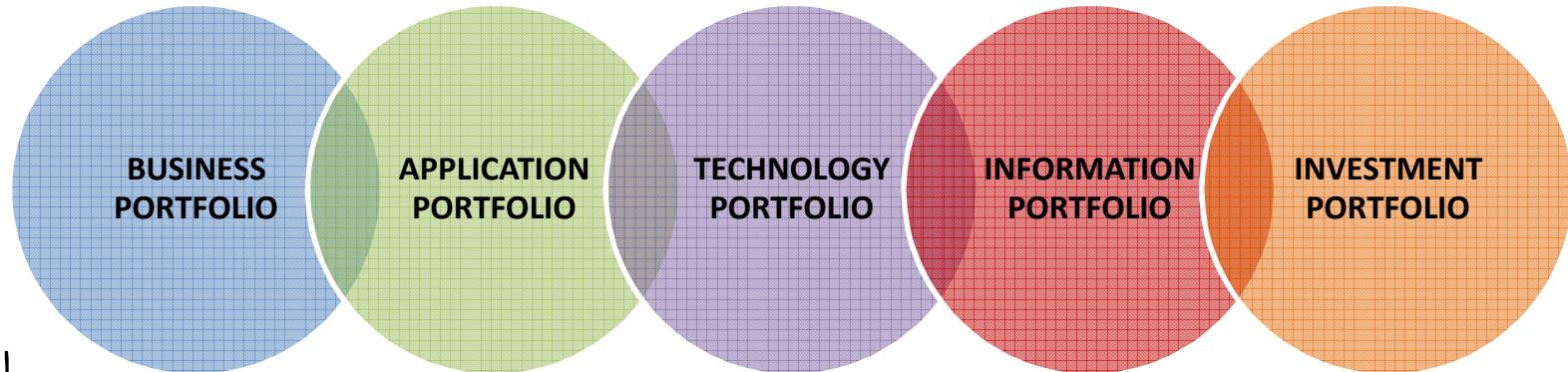
Tonopah,
NV

ON-SITE
WORKFORCE
OF 12251
EMPLOYEES
(AND ABOUT A DOZEN
EXTRATERRESTRIALS)



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{ **ENTERPRISE ARCHITECTURE: A CONCEPTUAL BLUEPRINT**
THAT DEFINES THE STRUCTURE OF AN ORGANIZATION. }

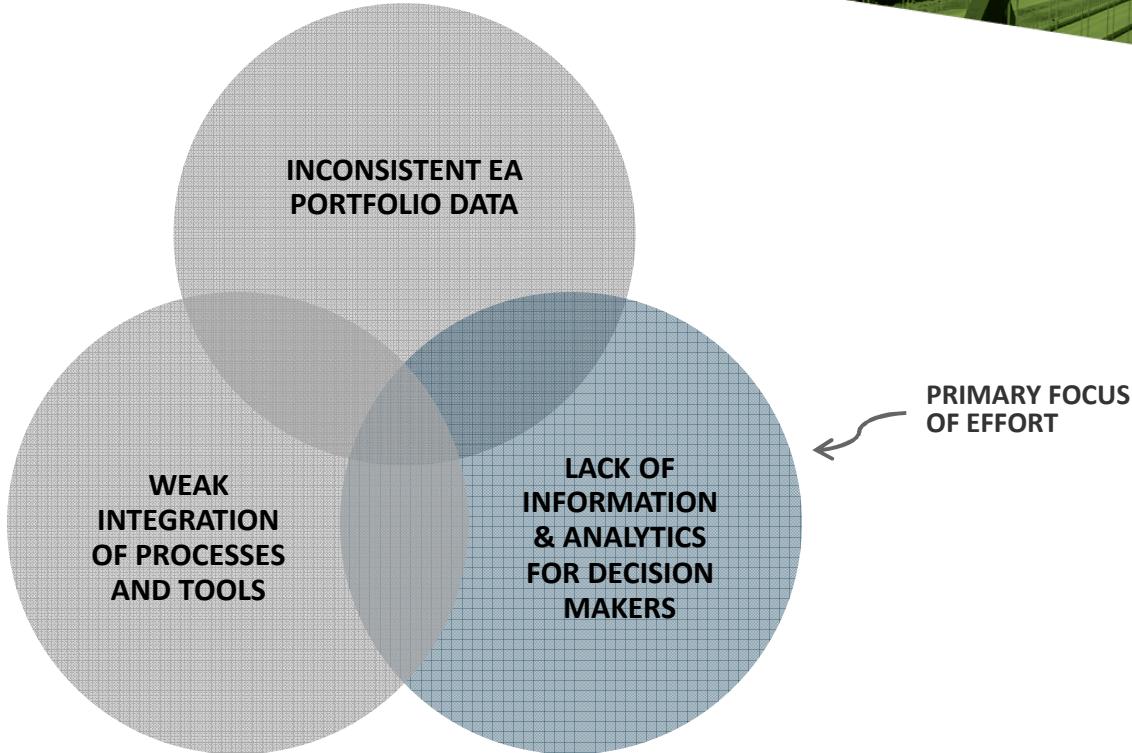


“THE INTENT OF ENTERPRISE ARCHITECTURE (EA) IS TO DETERMINE HOW AN ORGANIZATION CAN MOST EFFECTIVELY ACHIEVE ITS CURRENT AND FUTURE OBJECTIVES.”



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PREVIOUS STATE OF SANDIA'S EA PROGRAM



WE STARTED WITH A CLEARLY
ARTICULATED PURPOSE:



DEPLOY AND EXPLOIT THE RIGHT TOOLS AND THE RIGHT
PROCESSES, IN A LIGHTWEIGHT AND AGILE MANNER, TO
MORE EFFECTIVELY EXPOSE, ASSESS, AND MANAGE
SANDIA'S EA PORTFOLIOS.



NOW...HOW DID WE GET THERE?



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BE SPECIFIC IN
TERMS OF
SCOPE...

ESTABLISH INITIAL
APPLICATION PORTFOLIO
IN NEW TROUX VERSION

DEVELOP INITIAL
TROUX INSIGHT
PERSPECTIVES

DEFINE, DOCUMENT
AND IMPLEMENT
THE DATA
STEWARDSHIP
PROCESSES

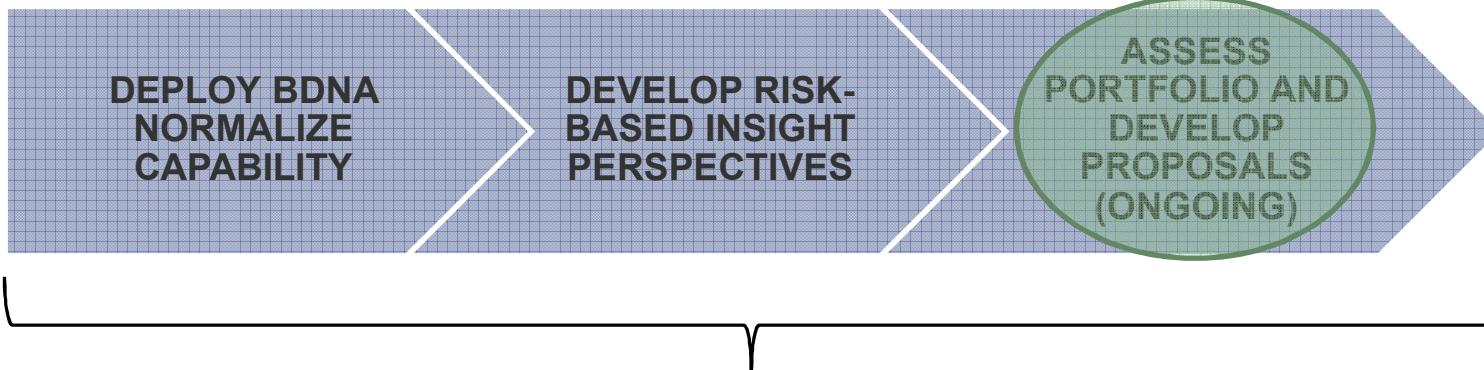
ALL GOALS AND DELIVERABLES WERE
TANGIBLE AND OBSERVABLE



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BE SPECIFIC IN TERMS OF SCOPE (CONT'D)...

THIS IS THE ULTIMATE
STATE OF A ROBUST EA
PROGRAM



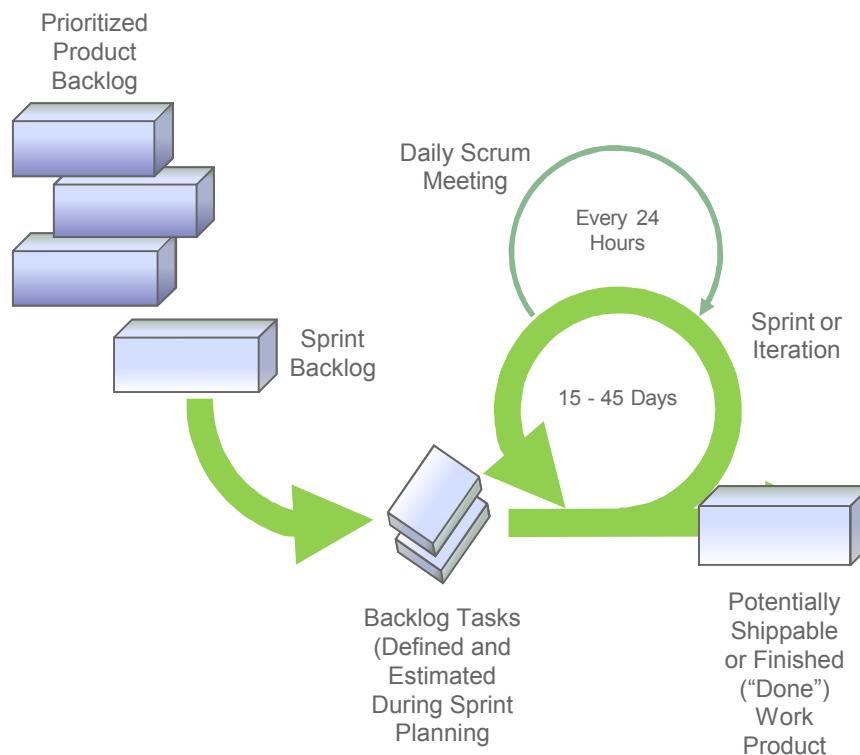
ASSESS
PORTFOLIO AND
DEVELOP
PROPOSALS
(ONGOING)

ALL GOALS AND DELIVERABLES WERE
TANGIBLE AND OBSERVABLE

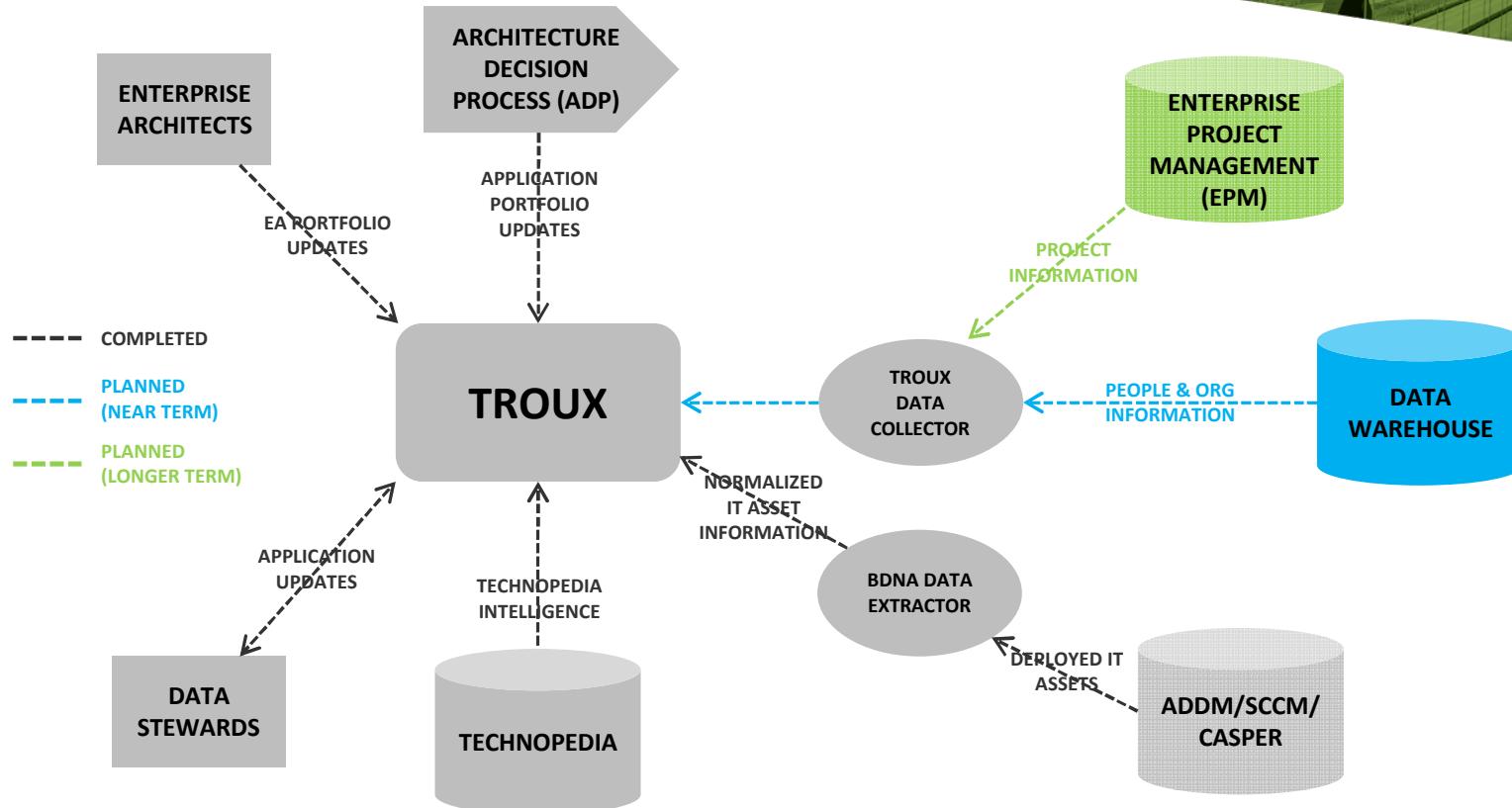


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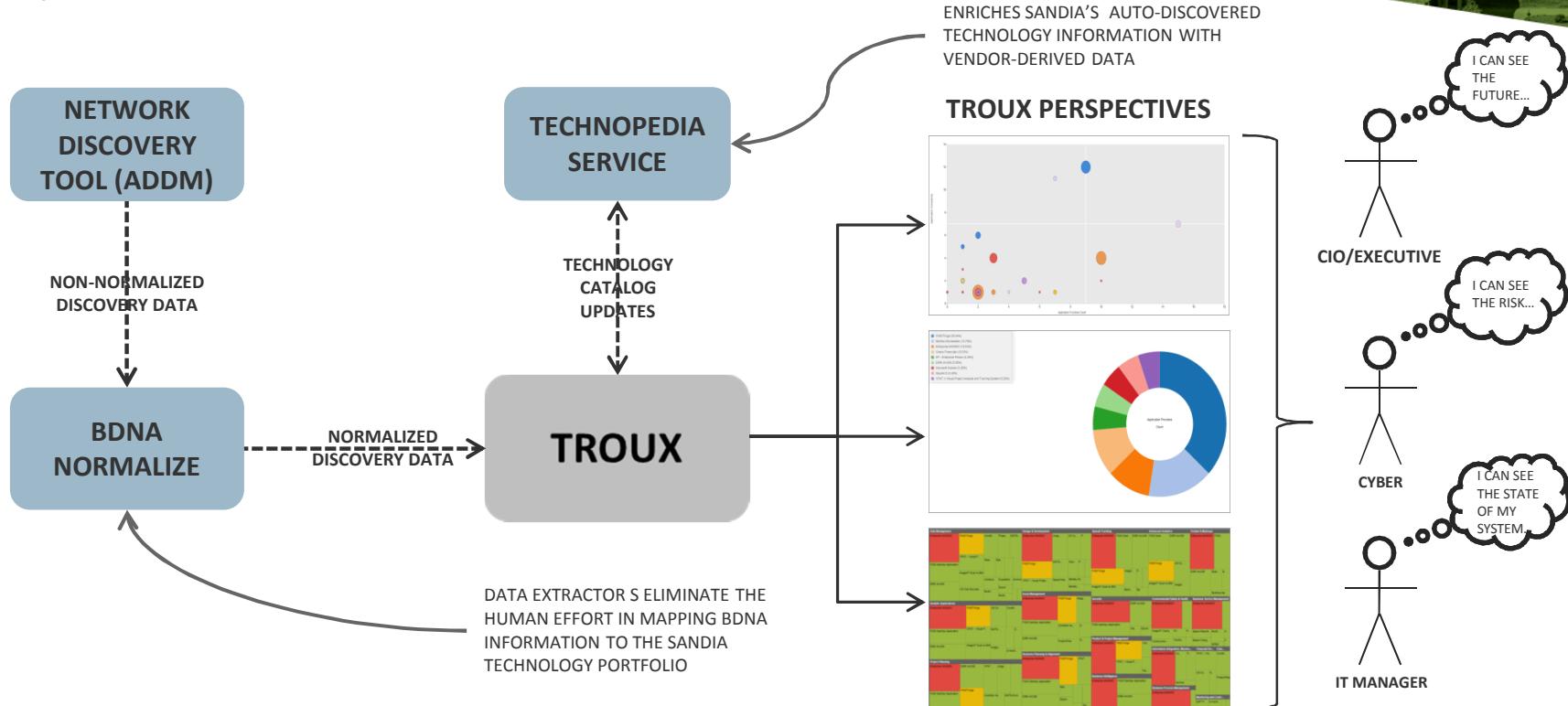
EMPLOY A PROCESS THAT GETS TO DONE...FAST...



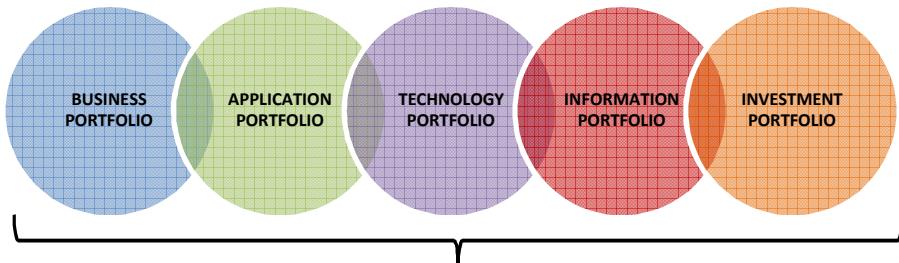
TROUX DATA SOURCES



TROUX DEPLOYED W/NORMALIZATION ENGINE



TROUX 101

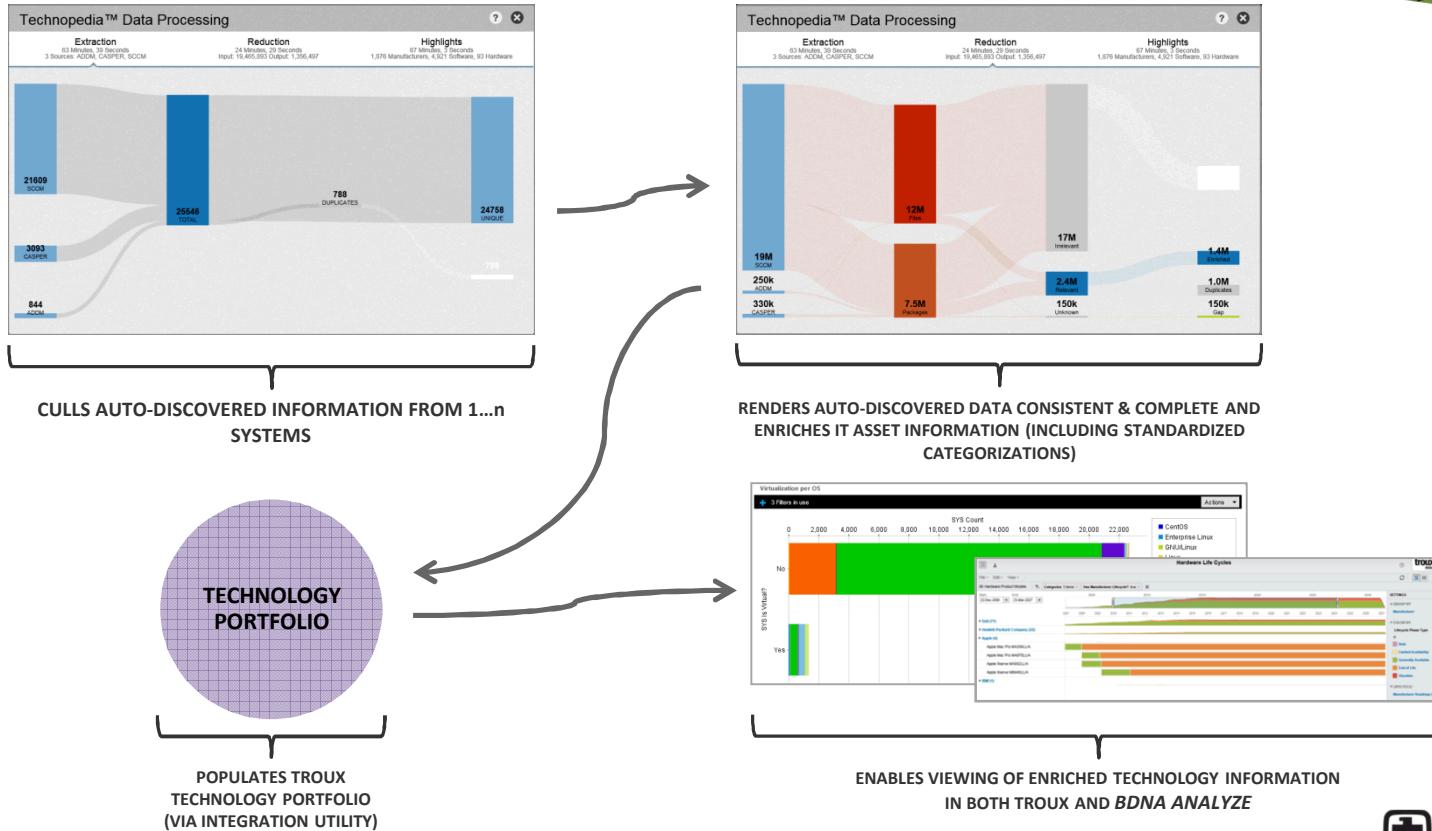


TROUX ENABLES THE MANAGEMENT OF THE ORGANIZATION'S PORTFOLIOS...

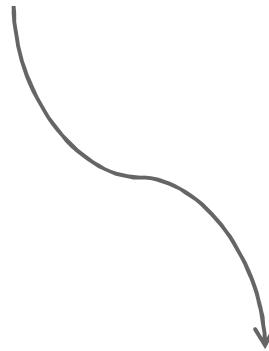
AND EXPOSES PORTFOLIO INFORMATION TO ENABLE DATA-DRIVEN DECISION MAKING



BDNA 101



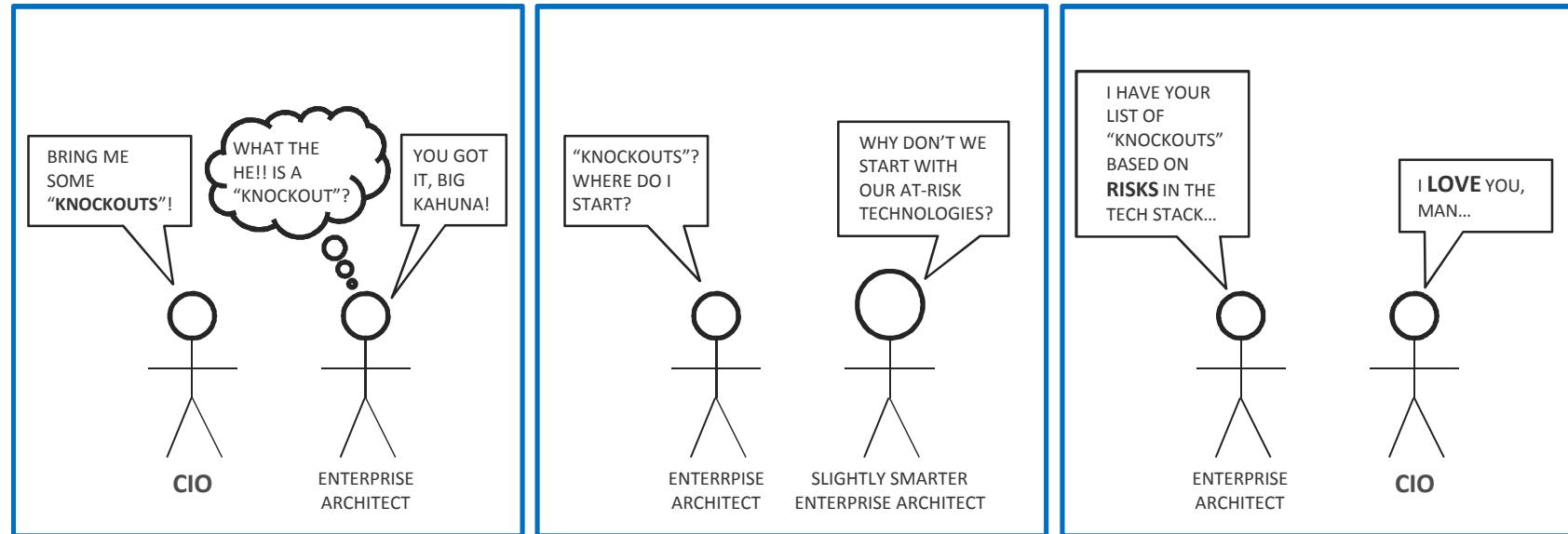
BUT EVEN IF WE IMPLEMENTED THIS
SOLUTION SET – A KEY QUESTION WOULD
REMAIN...



WHAT DO WE WANT OUR ENTERPRISE
ARCHITECTURE PROGRAM TO LOOK LIKE?



TROUX & BDNA VALUE – SCENARIO #1

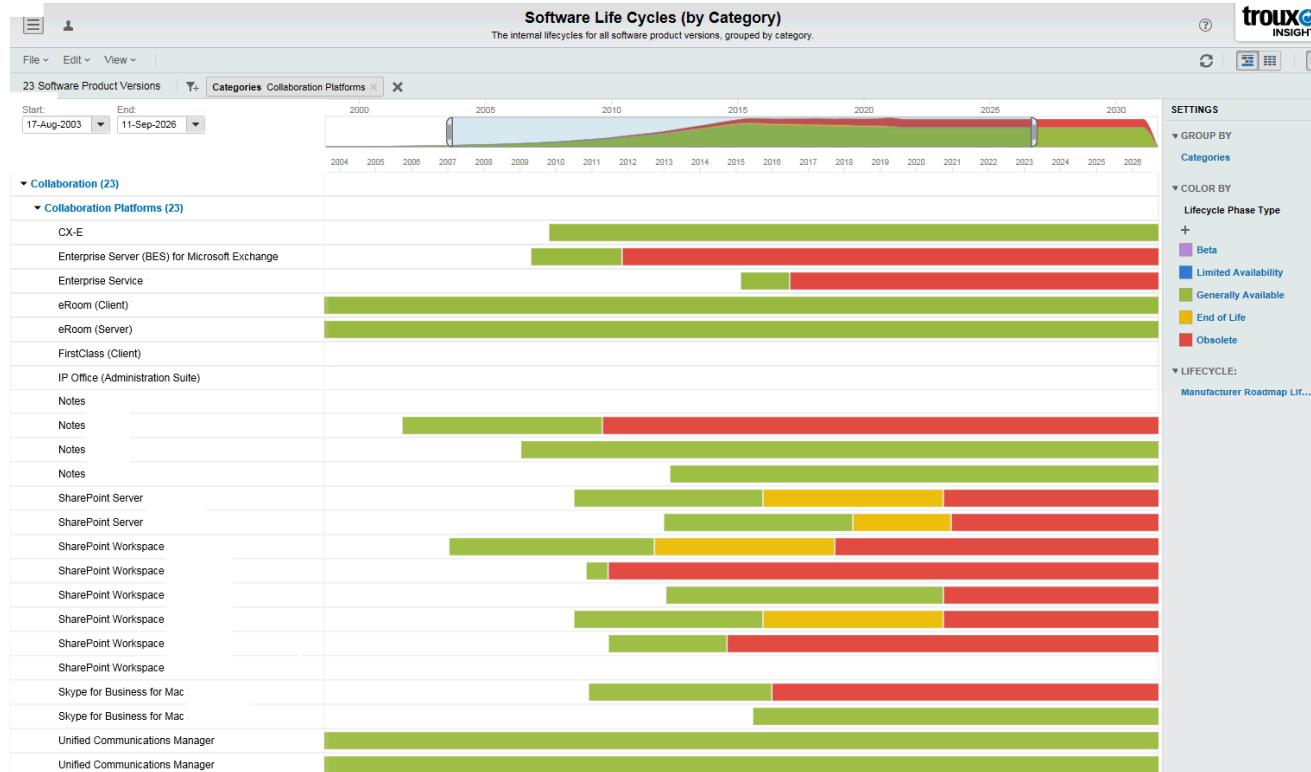


RISK-BASED PERSPECTIVES CAN DRIVE "KNOCKOUT" PRIORITIES

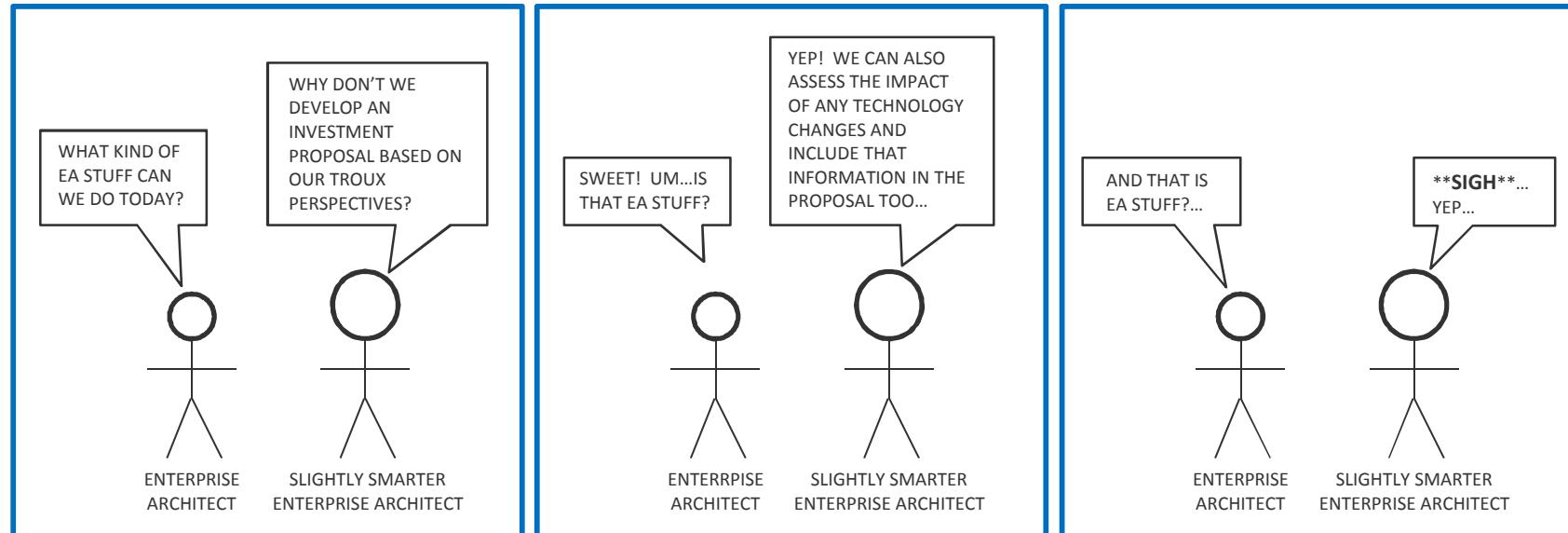


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LIFE CYCLES AND RISK PERSPECTIVE



TROUX & BDNA VALUE – SCENARIO #2



PORTFOLIO-BASED PERSPECTIVES CAN DRIVE PROPOSAL DEVELOPMENT AND INVESTMENT DECISIONS



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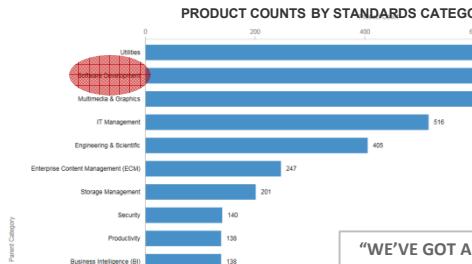
INFORMATION EVOLUTION



HW Category	HW Subcategory	HW Manufacturer	HW Product	HW Model	HW EOL Date	SYS Count
Computers	Servers	Hewlett-Packard Company	ProLiant BL460c G1 Server Blade	416653-B21	03/05/2010	10

TROUX AND BDNA CAN BE USED IN CONCERT TO PROVIDE DECISION MAKERS WITH RAPID, HIGH-VALUE ANALYTICS

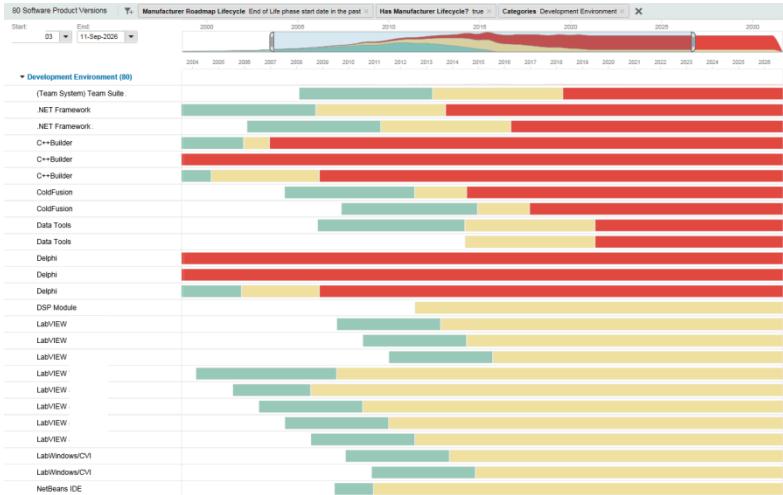
MORE EVOLUTION



"WE'VE GOT A LOT OF
SOFTWARE DEVELOPMENT
TOOLS!"



"WHY SO MANY DEVELOPMENT
ENVIRONMENTS AND HOW DO WE
PRIORITIZE THEIR REMOVAL?"



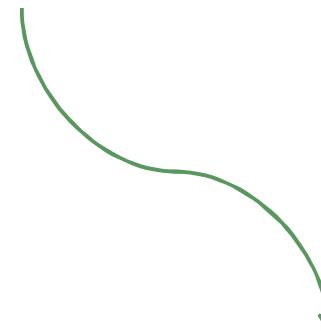
"PRIORITIZING REMOVAL BASED ON THE
MANUFACTURER ROADMAP LIFECYCLE
WILL BE A GREAT PLACE TO START!"



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QUESTION:

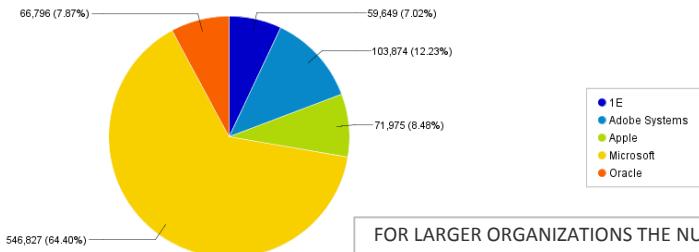
**WHERE DOES THE MAJORITY OF RISK (AND
COMPLEXITY) EXIST IN YOUR EA PORTFOLIO?**



ANSWER (AND ANOTHER QUESTION):

**IT IS MOST LIKELY THAT THE MAJORITY OF RISKS AND
COMPLEXITIES ARE IN YOUR TECHNOLOGY PORTFOLIO...BUT WHY?**

THE SHEER VOLUME AND SCOPE OF THE TECHNOLOGY PORTFOLIO CREATES RISK AND COMPLEXITY



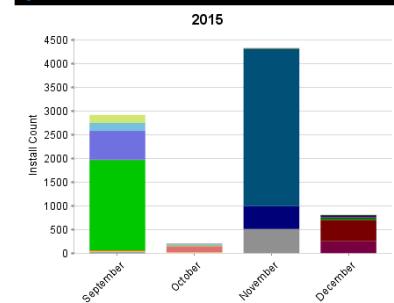
FOR LARGER ORGANIZATIONS THE NUMBER OF SOFTWARE INSTALLATIONS CAN BE DAUNTING

THE TROUX-BDNA SOLUTION ALLOWS ORGANIZATION TO EFFECTIVELY MANAGE THEIR IT ASSETS BY CREATING TRANSPARENCY AND CLARITY WITHIN THE TECHNOLOGY PORTFOLIO

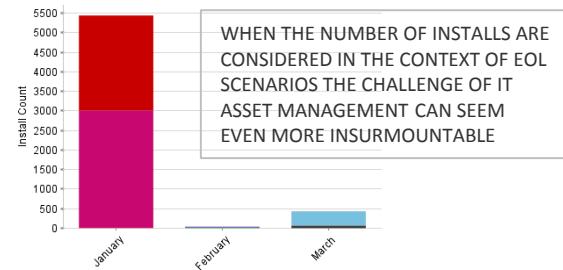
THE GOLD STANDARD

Software EOL within 6 months

5 Filters in use



2016

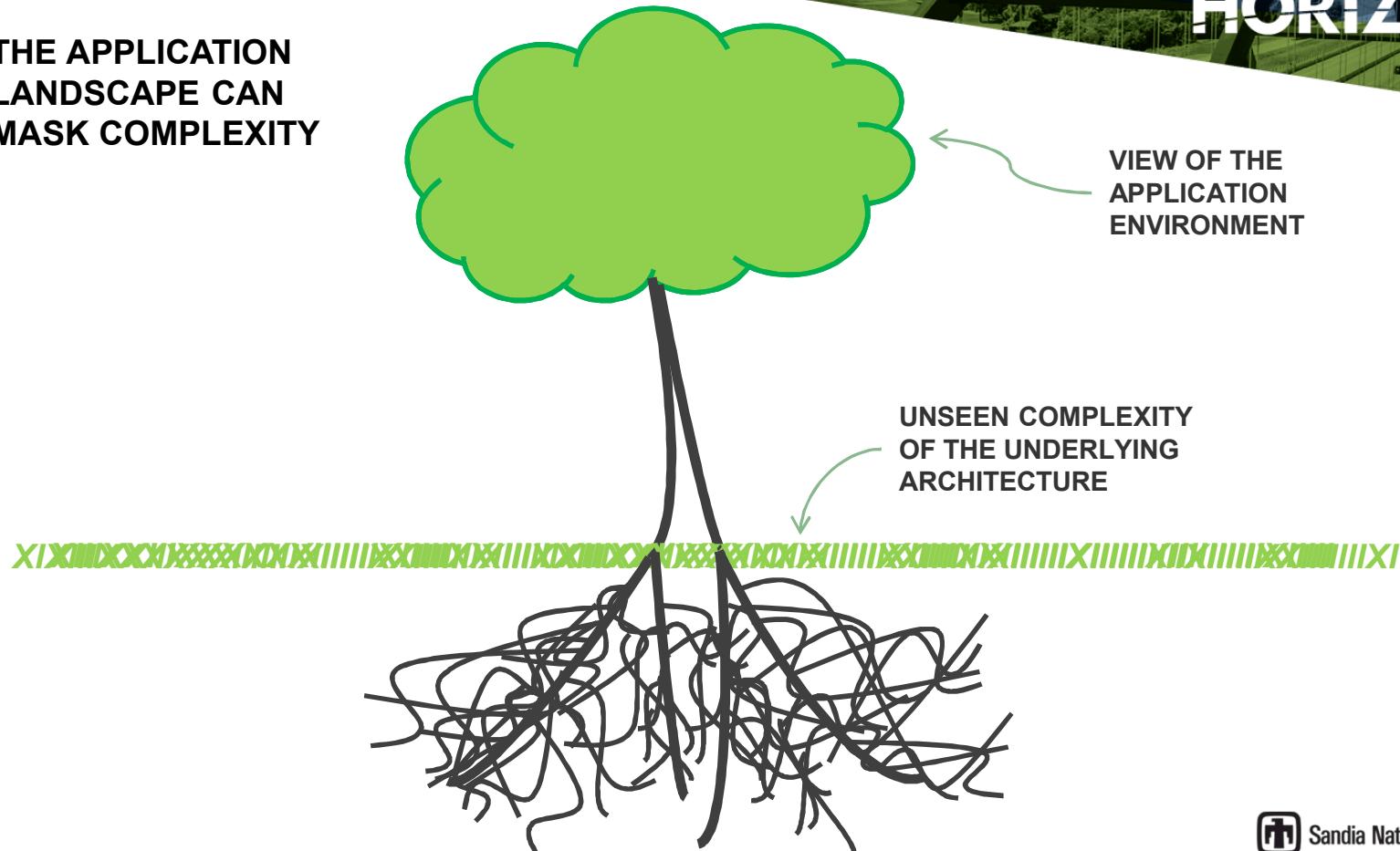


WHEN THE NUMBER OF INSTALLS ARE CONSIDERED IN THE CONTEXT OF EOL SCENARIOS THE CHALLENGE OF IT ASSET MANAGEMENT CAN SEEM EVEN MORE INSURMOUNTABLE



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THE APPLICATION
LANDSCAPE CAN
MASK COMPLEXITY



A RISK LESSON (FROM THE PAST...)



The event that triggered this enterprise's ITAM initiative for cybersecurity purposes was the leverage by hackers in 2012 of Adobe's ColdFusion product. The out-of-date versions of ColdFusion provided an entry point into the data structures within multiple enterprises to pull content from DLLs as implemented in common operating systems.

The implementation interfaced the lifecycle data strengths of Technopedia with the visualization and reporting capabilities of Troux. The goal was to identify what IT asset data the enterprise had available, what the life-cycle phase was for each asset installed, and how this content could be visualized in user-friendly, interactive reports and tables.

The architect's office [chooses] to interject itself at a specific point in any process that [can] be enhanced with accurate asset data, seeking to ensure that any process recommendation [will] take into account asset information that [is] already known, such as product expiration date or alternative application programs.

Keyworth, Bill, "IT Security: World-Class Enterprise Eases Cybersecurity Mandates", IDC Opinion, 2014.



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WHAT'S NEXT?

IT SERVICE
MANAGEMENT
INTEGRATION

TARGETED
REPORTING
PACKAGES

AUTOMATED
ARCHITECTURE
VETTING

INCREASED LIFE
CYCLE
MANAGEMENT
& CYBER FOCUS



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HORIZONS

The Planview Customer Conference

October 14–16 2015 | Austin, Texas

Thank you!

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