

The New GIS Platform





EVA

15B
(25)

25B
(26)

37CA
(30)

(02)

37CA

CA

MERIDIAN

VAUGHN

388

387

PENNOCK AV.

STAINBACK AV.

VAUGHN

214
H

KEYES (AV.) 20 50

4

5

ST. W.E. CHURCH
(SOUTH)



EVANSTON AV

STOCKELL ST

VAUGHN ST

VAUGHN ST

CLEVELAND ST

N 3RD ST

5427
1200A
LBS

15B (25)
25B (26)

25A (42)
15A (63)
25B (43)
ABC
50B (44)

15B (171)
47

25A (81)

37A (75)
37A (92)

37A (142)

37A (113)

25A (114)

25B (48)
ABC

25A (51)

37A (172)

(173)

(49)

25B (175)

25B (176)

(178)

25A (180)

37CA (30)

(02)
37CA

25CB

15C (18)
40

25C (185)

(217)
1-75
BCA

25CA

CA
75C

(107)
50B

25A (109)

1004

912

1006

1001

317

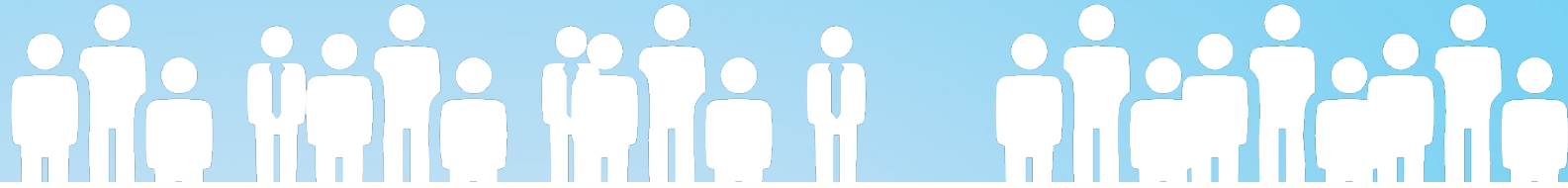
211





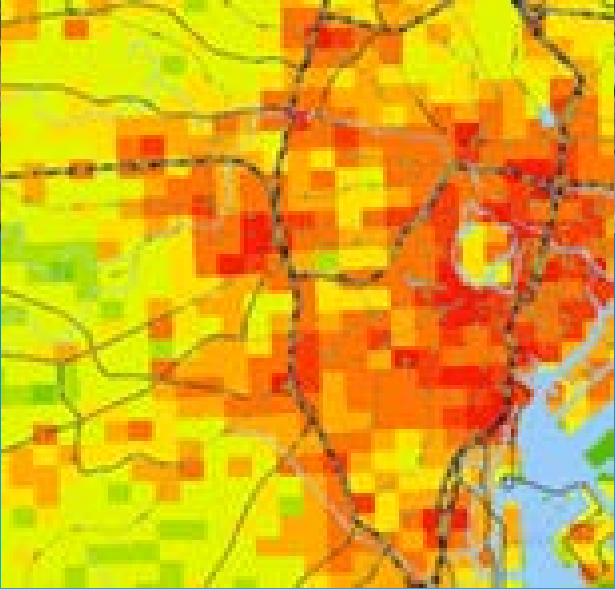
Expensive
Months-to-Change
Backlogs
Out-of-date
Cumbersome
Only-for-Engineers
Complicated
Lots-of-administration Specialist
Science-projects
Integration
Inflexible
Hard-to-access
Customization

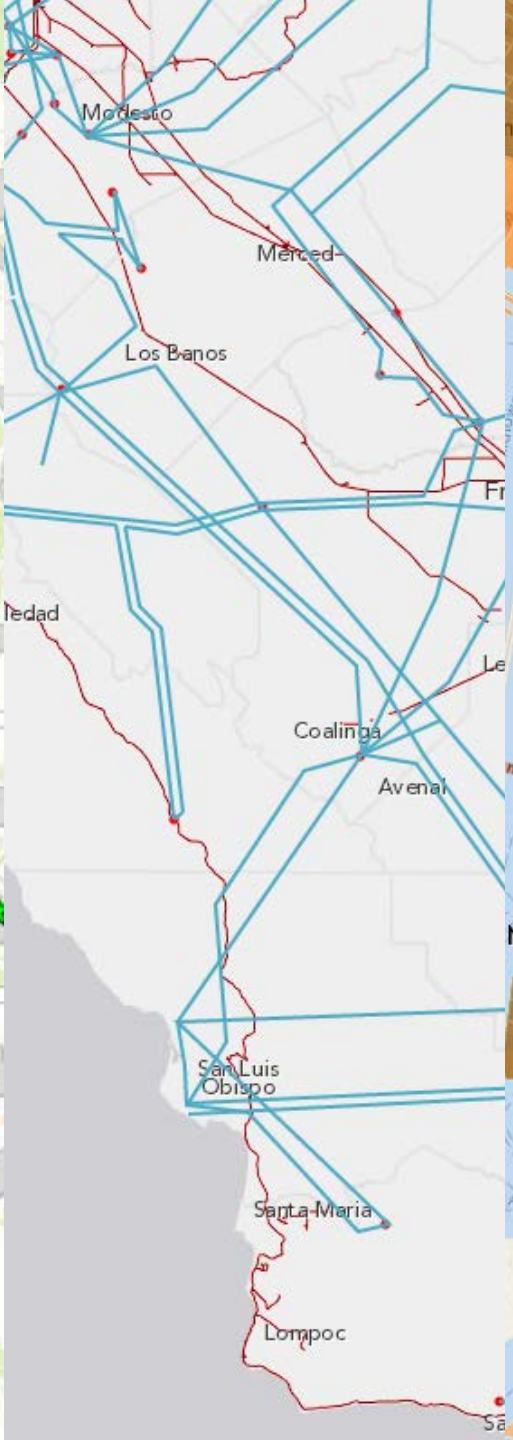
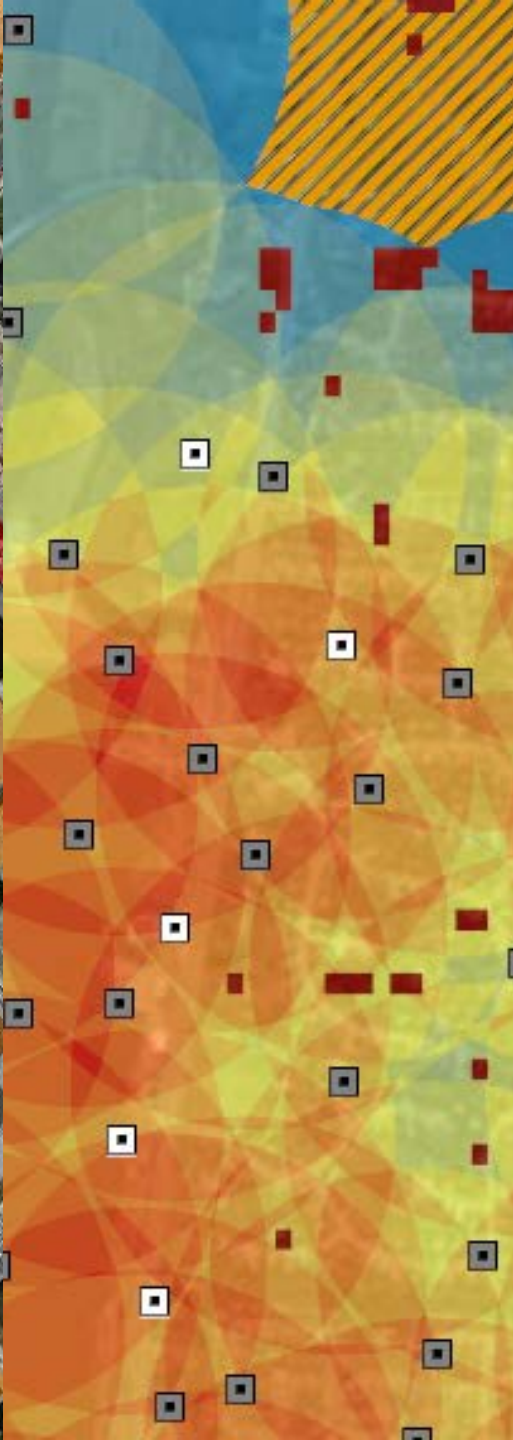
Plots
Slow Paper
Programmers
Inaccurate

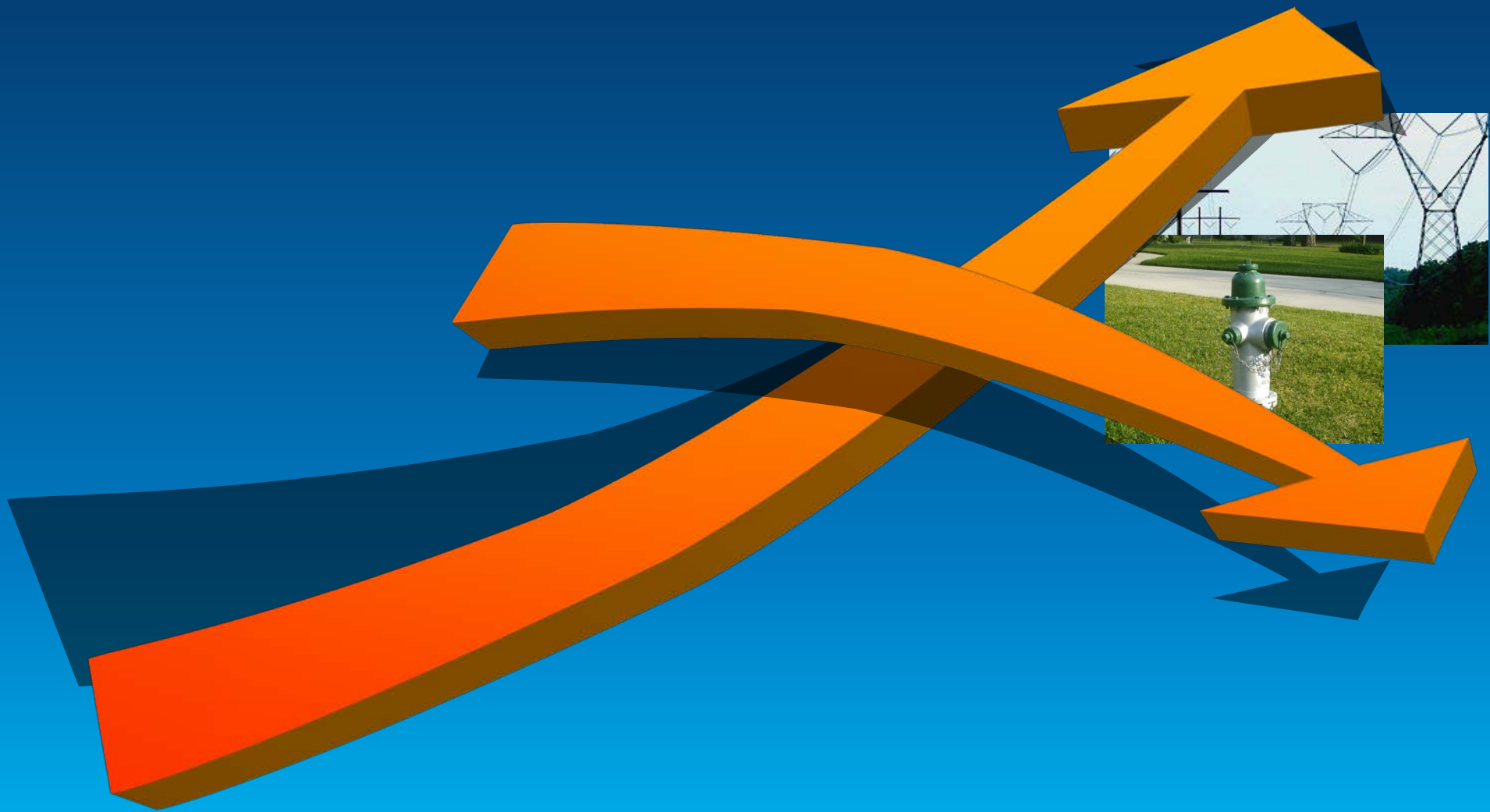


Is your authoritative knowledge
reaching everyone?









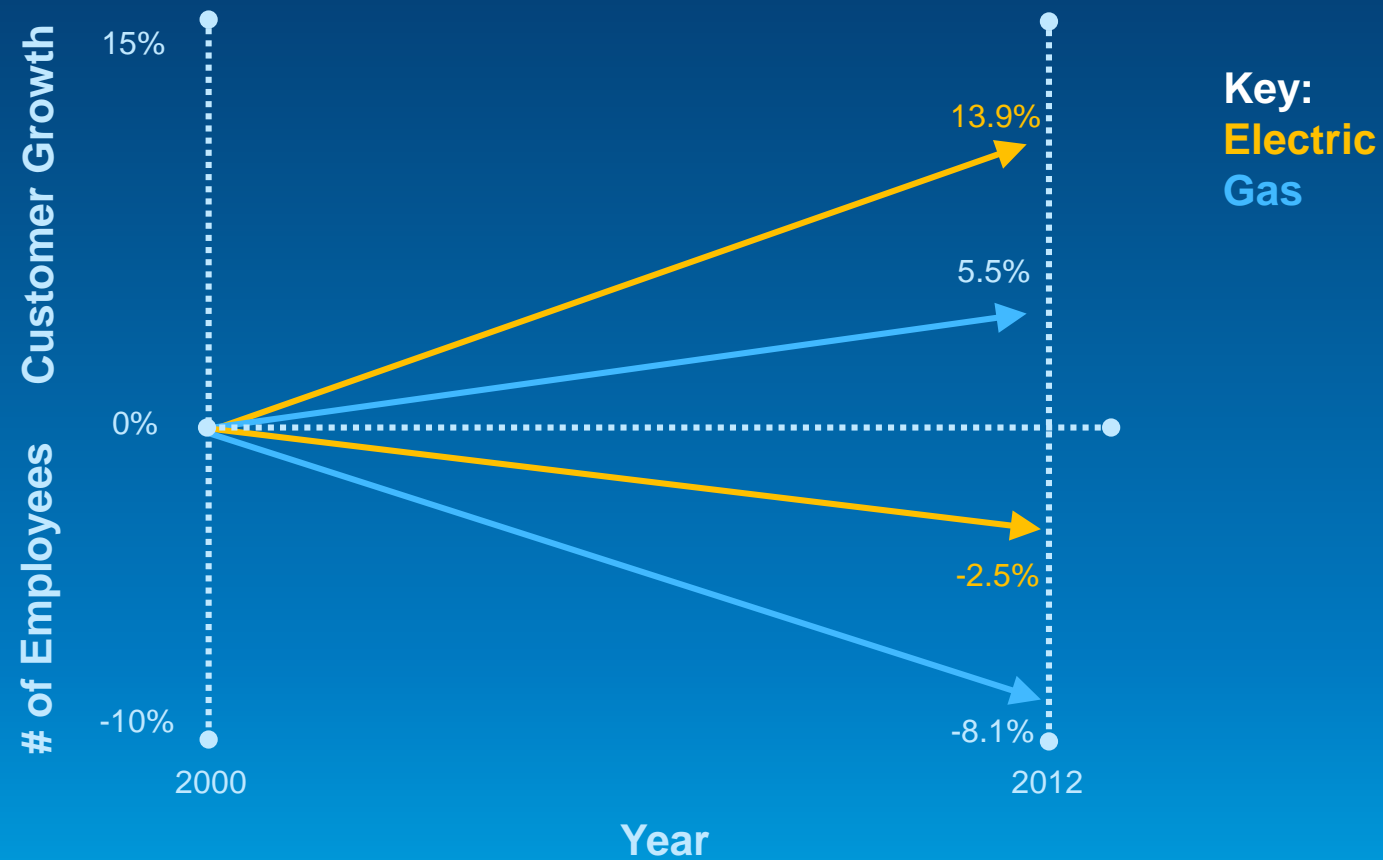
THE
SIXTH
wave



How to succeed in a resource-limited world.

James Bradfield Moody and Bianca Nogrady

Energy Distribution Industry Employee Productivity



Source: U.S. Census Bureau, American Gas Association

Make money



**Keep
customers
happy**



**Keep
employees
safe**



**Stay out of
trouble**

EPS
CapEx
OPEX



SAIDI
Connections
Cust Sat



Accidents
Turnover



Spills
Fines
Complaints

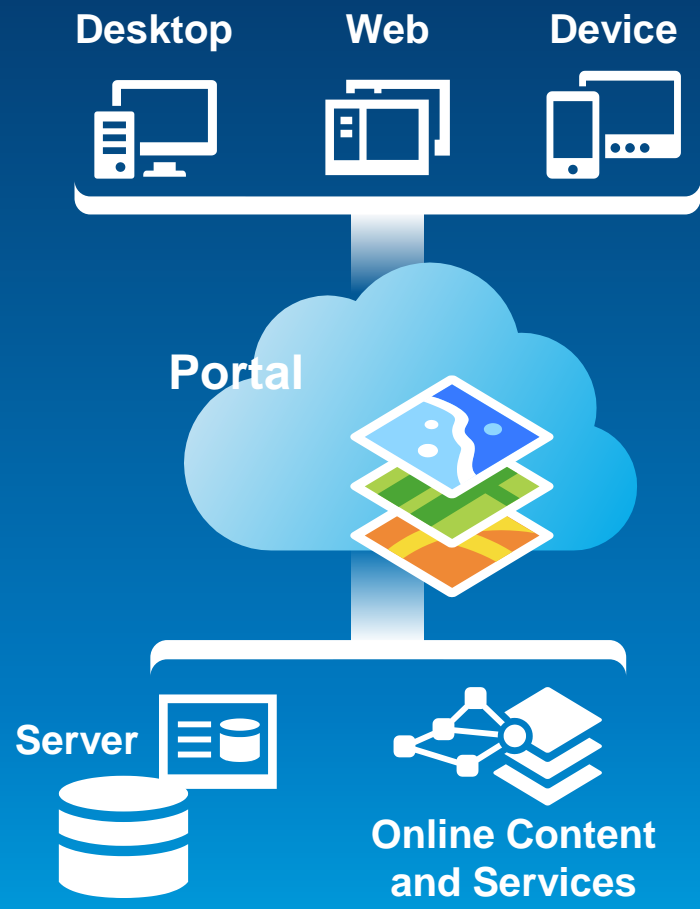


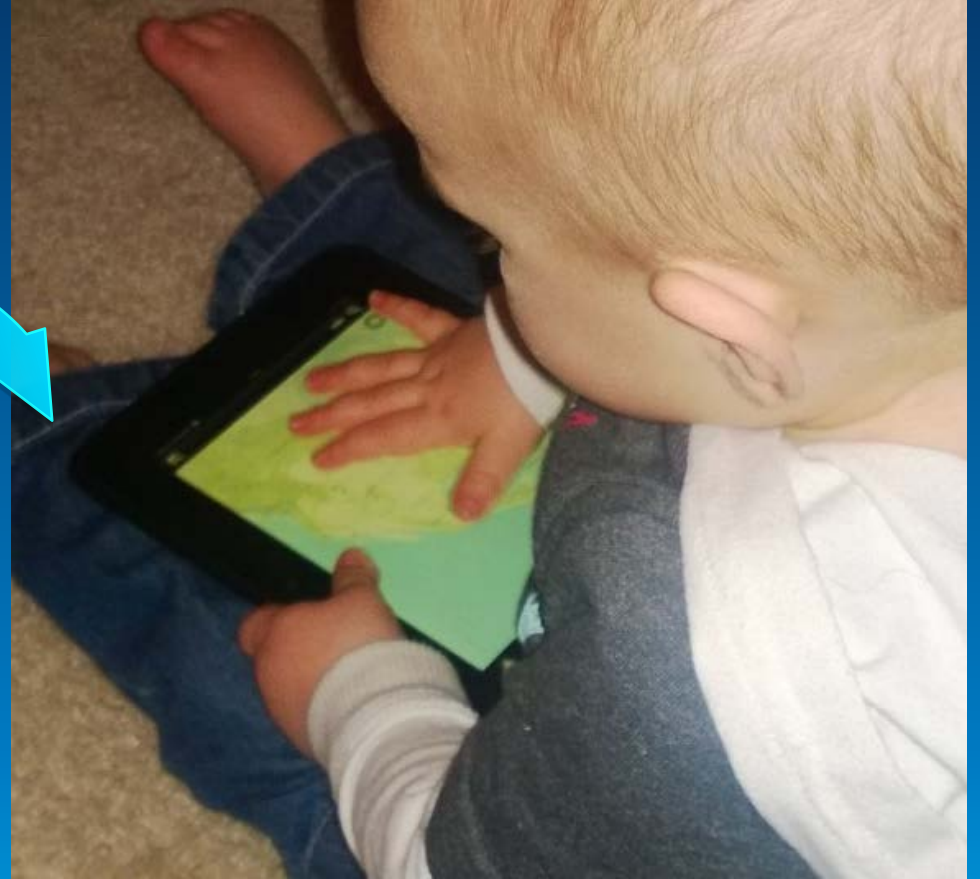


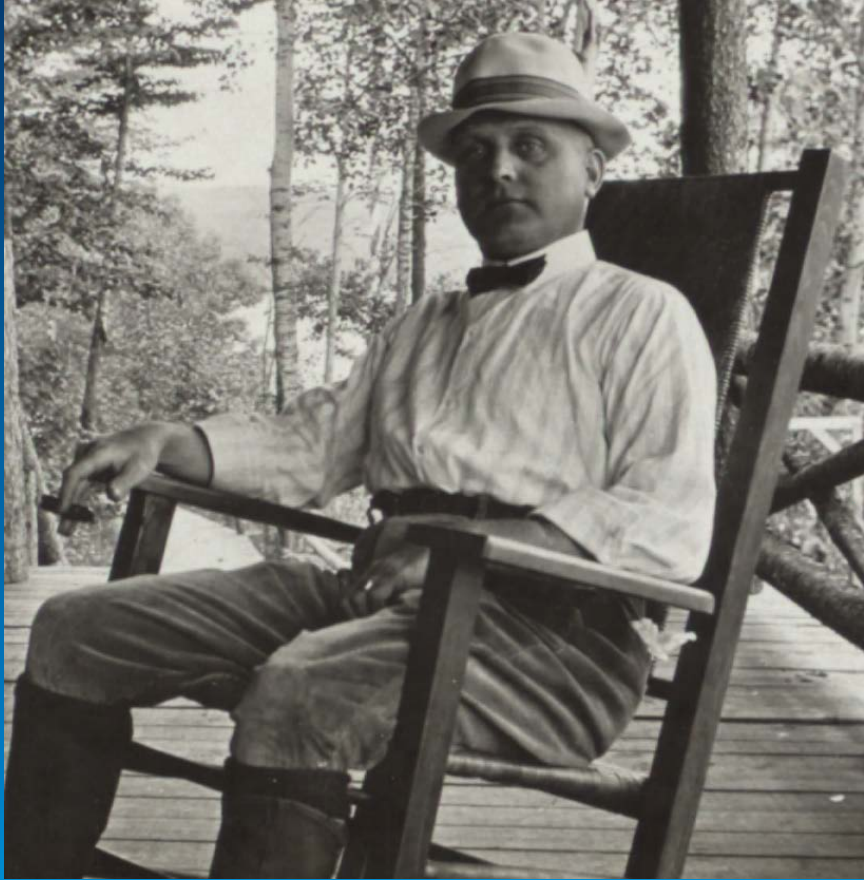




Allows people to reach and connect with one another and obtain information



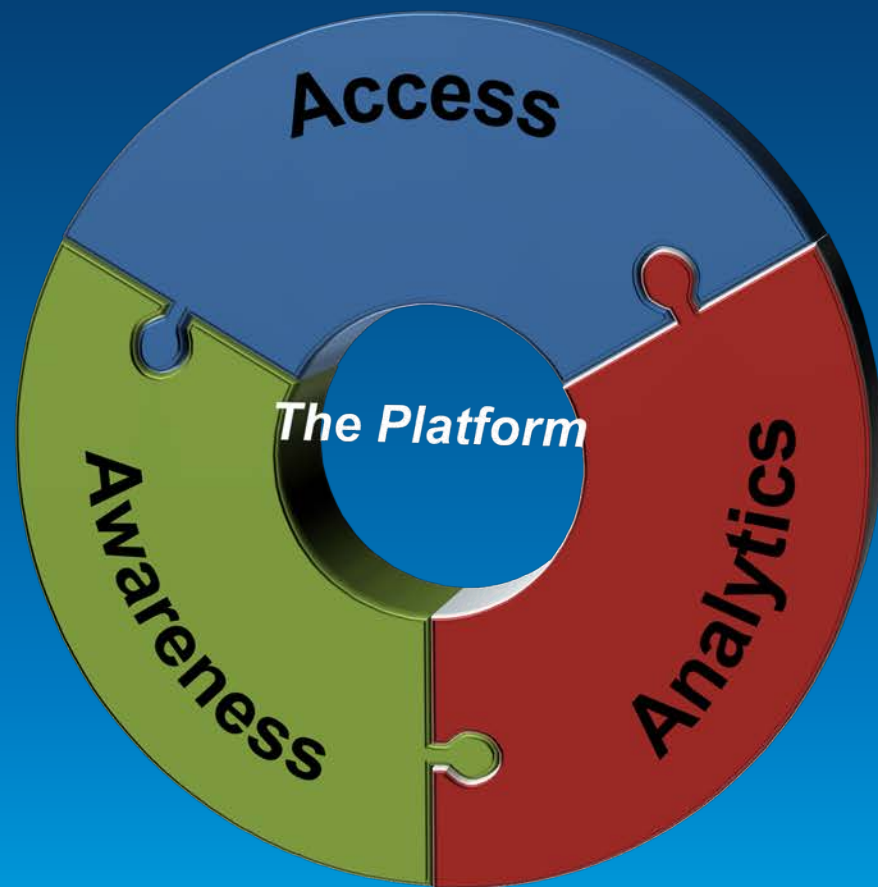














CONSUMERIZATION *of* IT





people

time

information



ACCESS



SECURITIES



CAPABILITIES





Naveen
Executive

ACCESS ●●●●○
SECURITIES ●●●○○
CAPABILITIES ●●●●●



Meghan
IT

ACCESS ●●●●○
SECURITIES ●●●○○
CAPABILITIES ●●●○○



Manny
Creative
Lab

ACCESS ●●●●○
SECURITIES ●●●●●
CAPABILITIES ●●●●○



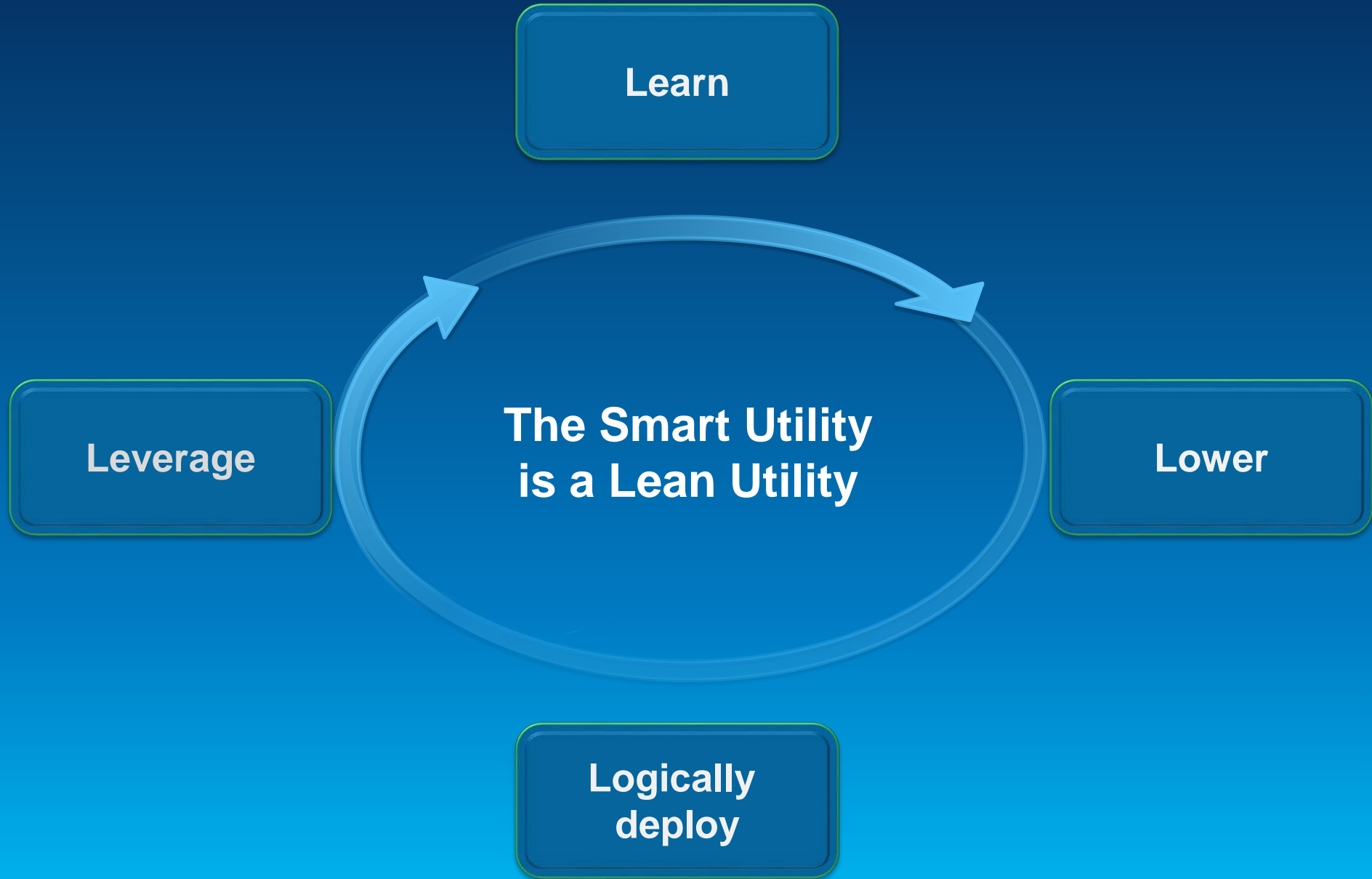
David
Field
Ops

ACCESS ●●●●●
SECURITIES ●●●○○
CAPABILITIES ●●●●○



Kristin
Human
Resources

ACCESS ●●●○○
SECURITIES ●●○○○
CAPABILITIES ●●●○○



Learn

Leverage

Lower

**The Smart Utility
is a Lean Utility**

**Logically
deploy**

“I take a two hour nap, from
one o’clock to four.”

Yogi Berra

- 1 – Handoffs are 70% effective**
- 2 – 70% of field changes are reported**
- 3 – 70% of data from field changes are unintelligible after one year**
- 4 – If Laws, 1, 2 and 3 aren't fixed,
Execution is running at 70% effectiveness**



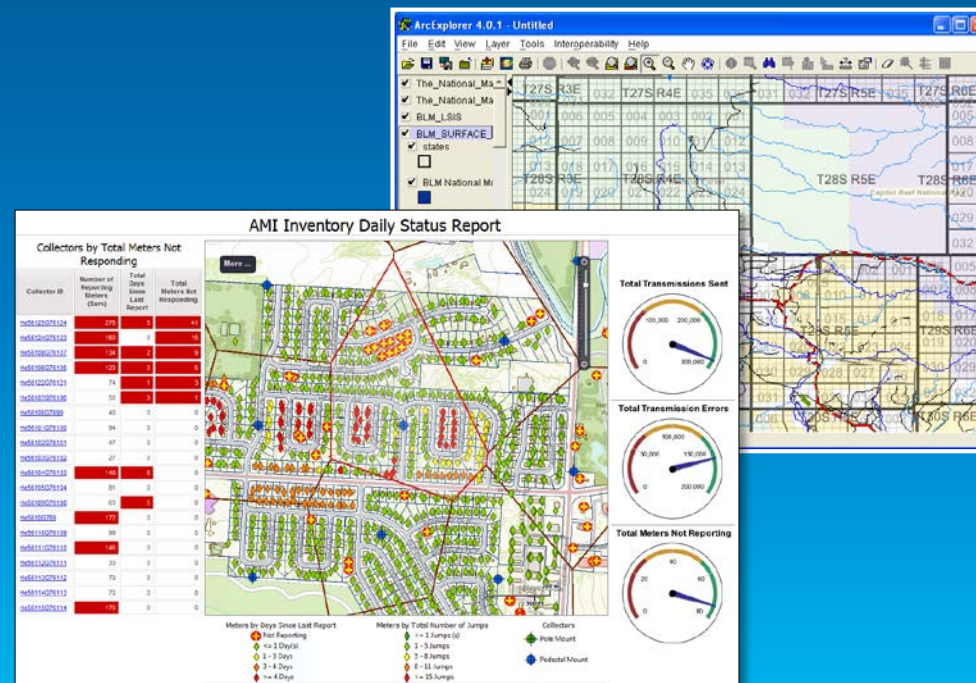
Looking Under the Covers

- **Loss of data in the long journey from the field crews into the information system and its large impact on the business**
- **No single source of “official” data communicated to all the decision makers**
- **Lack of control on the quality of the data**
- **Long cycle times from work order inception to work closeout**



Looking Under the Covers

- No linkage to the supply chain, human resources, or customer care processes
- Lack of coordinated data from multiple data sources
- Lack of coordination of data from sources outside the utility





Transmission



Distribution



Procurement



Customer Care



**Supply Chain/
Logistics**



**The Vertically
Integrated
Utility**

**Information
Technology**



**Finance and
Accounting**



**Corporate
Services**



