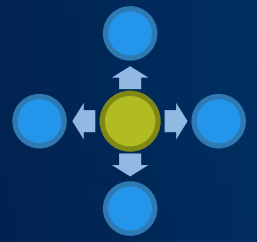
alden
software • services • smarts

Who is Alden?

Better Communities
through Better Infrastructure



Enterprise Asset Management for
Power and Communication providers

Software, Services and Smarts

About Alden

22 years in business

Offices: Birmingham and Denver

In-house Development staff (21)

Multiple enterprise systems

IOU & Tier 1 CSP loyal customers

Core Values

Innovative

Pursues Excellence

Integrity

Can-do Attitude

Driven to Learn & Grow

Accountable

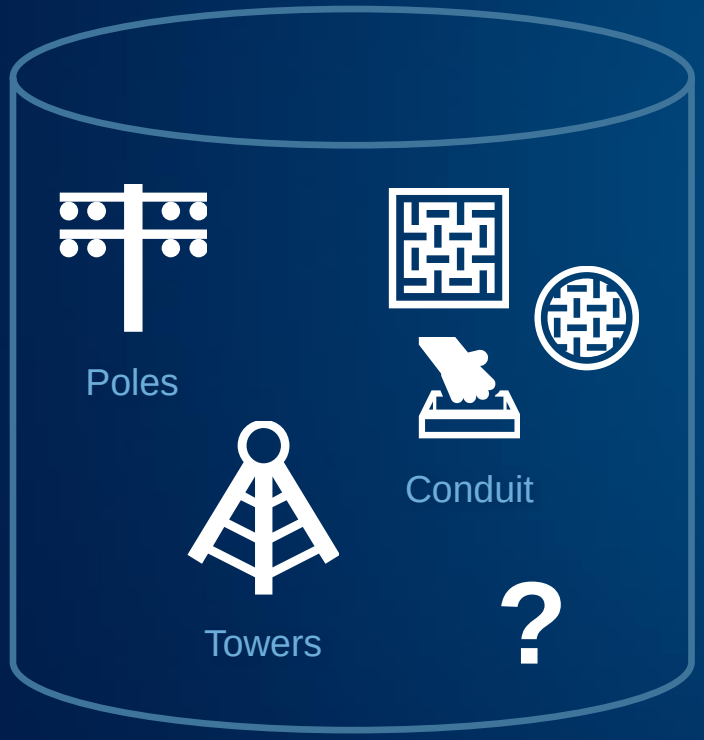
Respect

alden

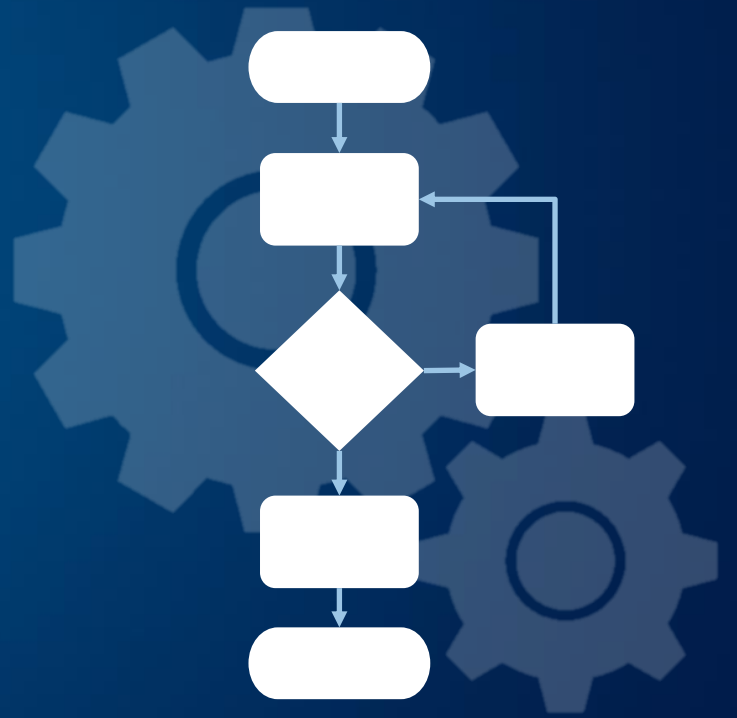
notify™

Enterprise Asset Management System

A multi-company database of assets



a structured workflow engine



Sharing assets and workflows

allows coordination between companies.

Private assets and workflows allow

seamless integration within companies.

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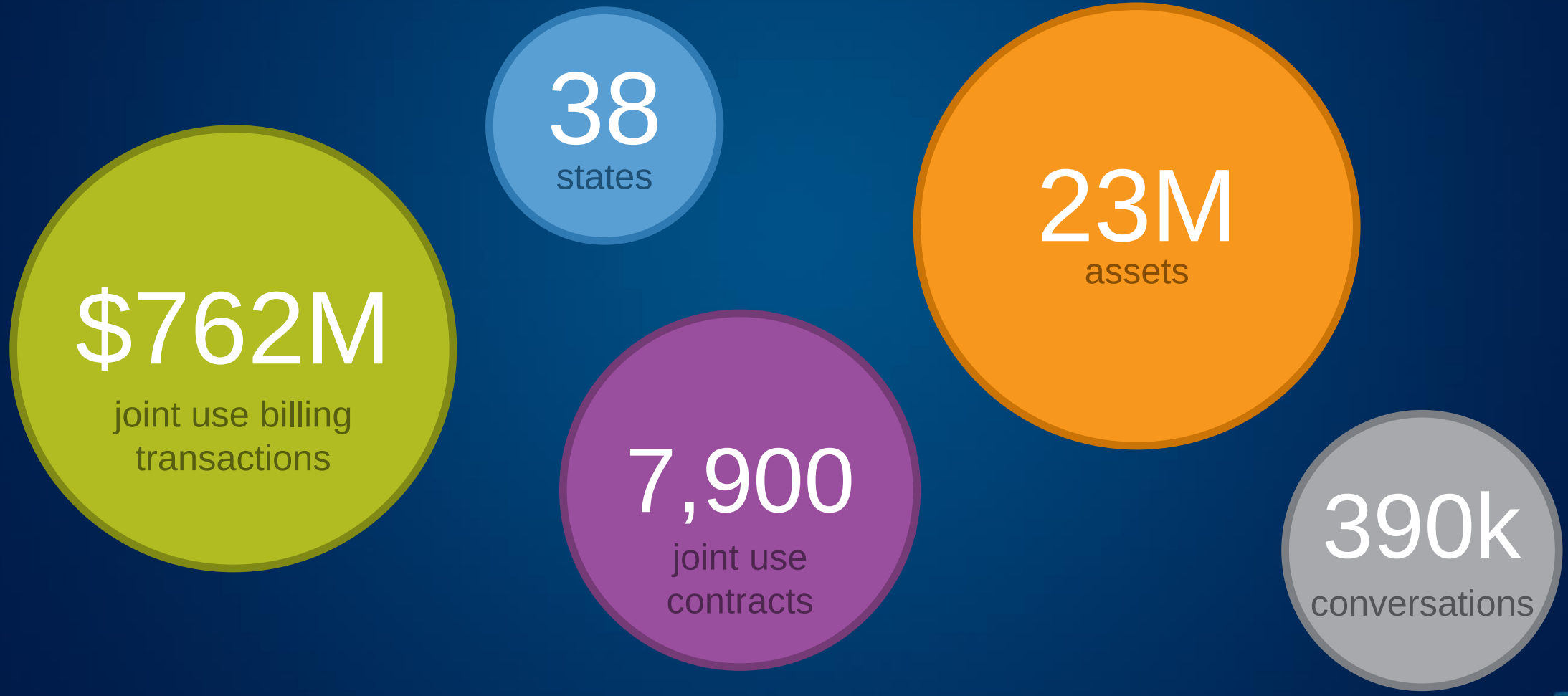
Statistics



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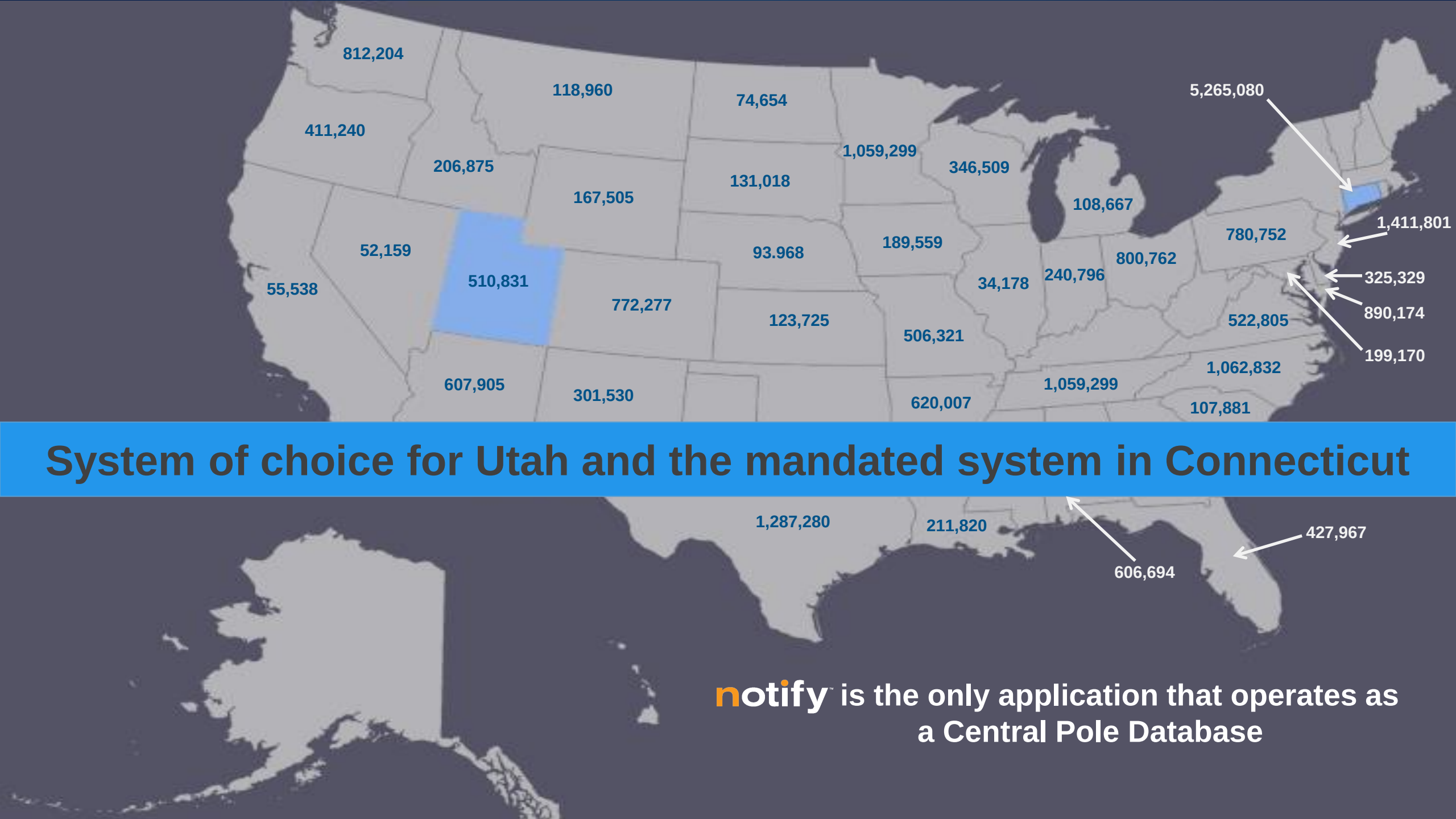
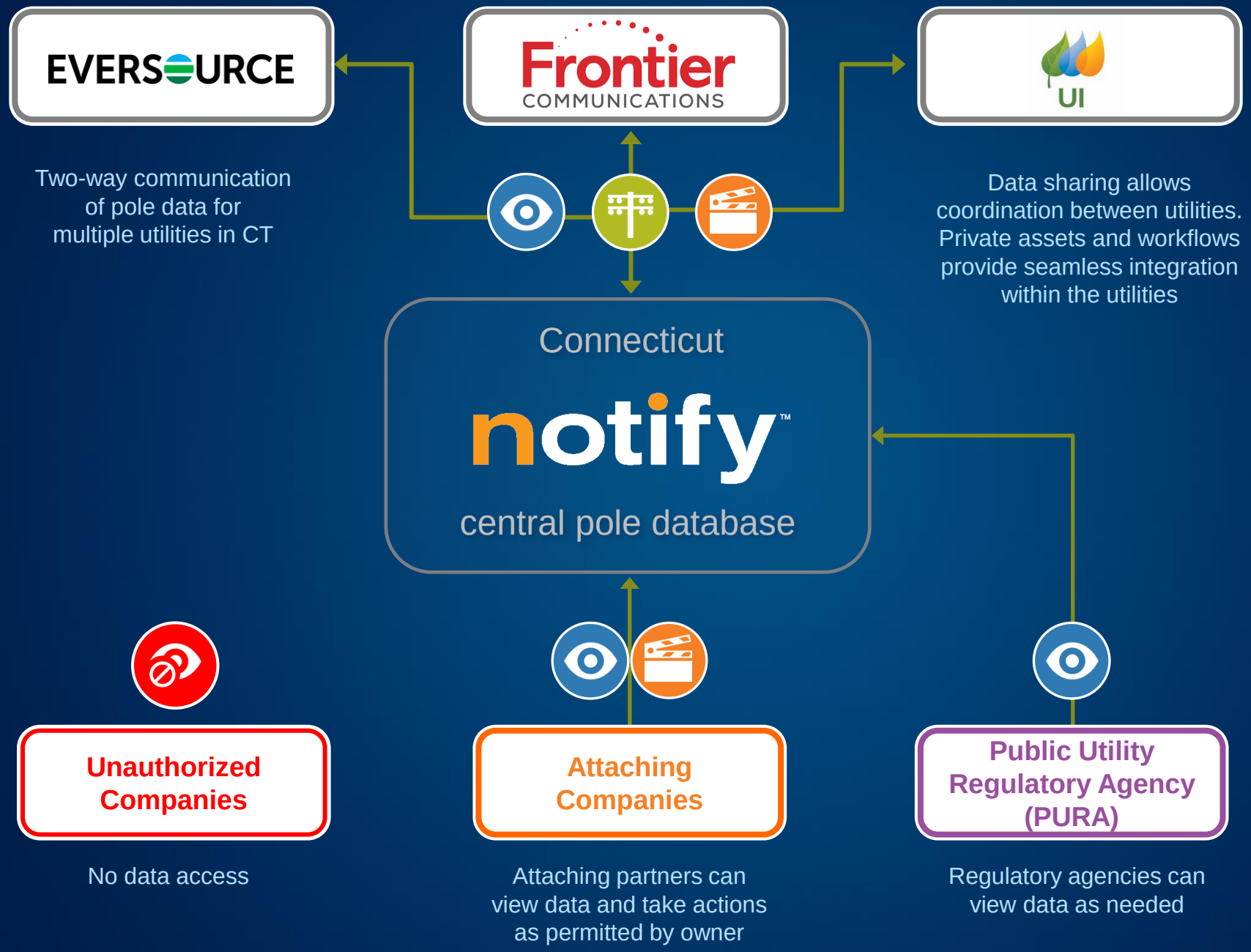


System of choice for Utah and the mandated system in Connecticut

notify™ is the only application that operates as a Central Pole Database

Public Utility Regulatory Agency (PURA) in Connecticut


EVERSOURCE
Frontier COMMUNICATIONS
UI
Two-way communication of pole data for multiple utilities in CT
Data sharing allows coordination between utilities. Private assets and workflows provide seamless integration within the utilities
Connecticut
notify™
central pole database
Unauthorized Companies
No data access
Attaching Companies
Attaching partners can view data and take actions as permitted by owner
Public Utility Regulatory Agency (PURA)
Regulatory agencies can view data as needed
pole asset data
view data
take action
cannot view or take action
alden

notify

home

35 (1688)
40 (1323)
30 (165)
45 (161)
see more

Class

Unk (1179)
4 (974)
3 (430)
2 (425)
see more

Material

NONE (3394)

Attachers

CHARTER COMMUNICATIONS (3394)
CONNECTICUT LIGHT&POWER (3389)
FRONTIER (AT&T - CT) (3235)
UNKNOWN (8)
see more

Town

Winchester (4562)

see less categories

clear all filters

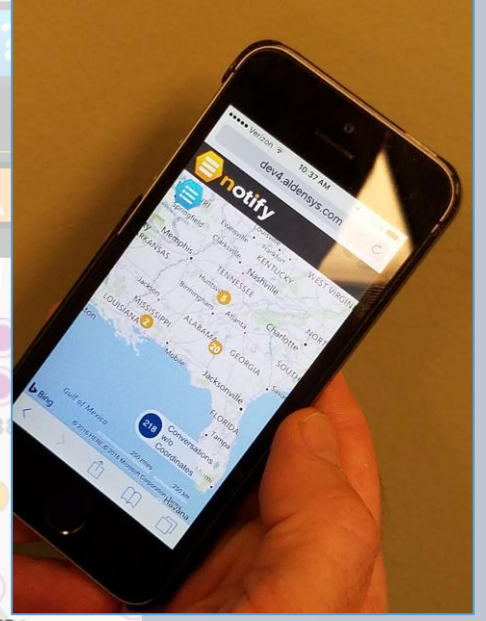
initiated by me 664

my conversations 1019

Group Results By

No Grouping

Show Shared Data:



alden

notify

home | 156822 | 183808

status: **Engineering** assigned to: **clpadmin@nu.com**

export | print | remind | help

header | notify poles 9 | notes 0 | files 0 | photos 0 | history | contacts & companies 2/1

work order

initiated by
annamaria.raby@nu.com

created on
3/7/2016, 10:37 AM

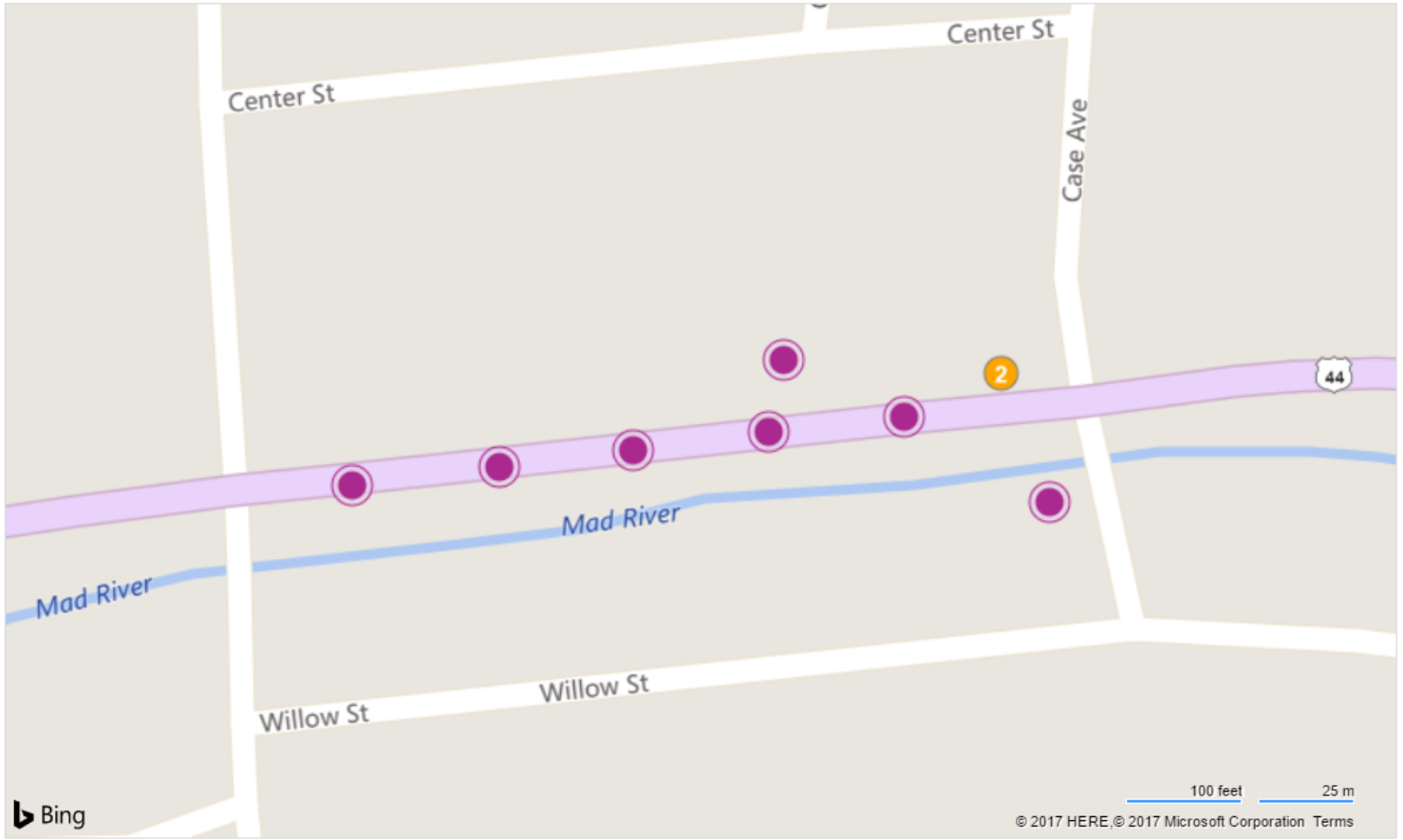
status expires on
n/a

title
CL&P Work Order

description

state
CT

location
Andover



PURA Reports

- ✓ Provide data on WHAT activities
- ✓ Who is currently responsible?
- ✓ How long each step has taken?
- ✓ Due dates

Reports for:

- Existing (backlog) Double Wood
- Business-as-Usual Transfers
- Permit to Attach Requests

Conversation	Status	Who	# days in status	Due date	Total # days of conversation	. . .
111222	Transfer Overdue	A1 Comm.	46	3/31/2017	89	
123456	Pull Pole Complete	ABC Power	12	3/31/2017	76	
133455	Transfer in Progress	CC CATV	8	4/15/2017	27	

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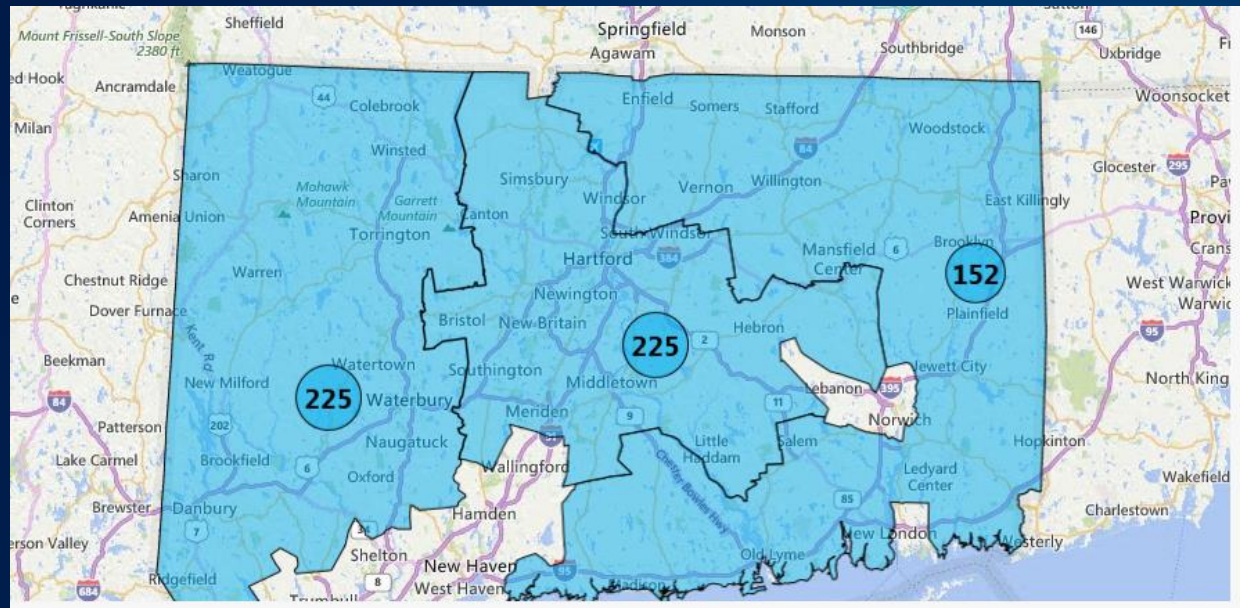
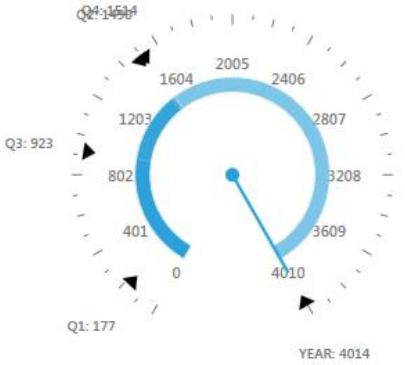
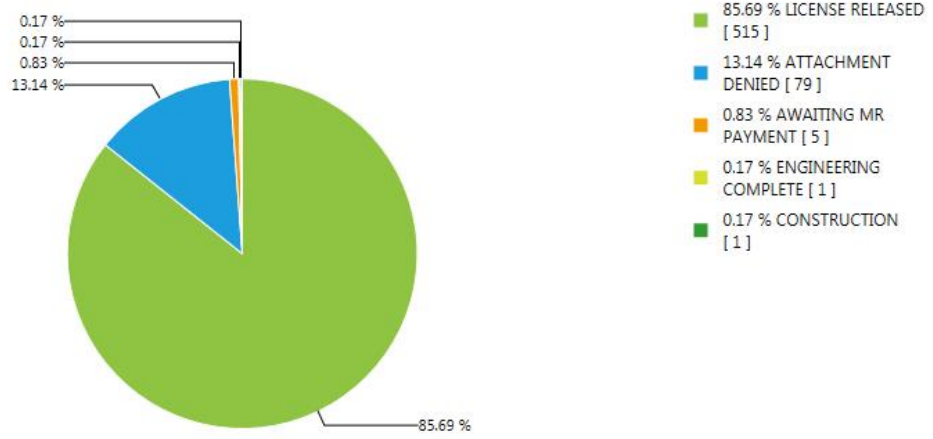


APPLICATION COUNT 602

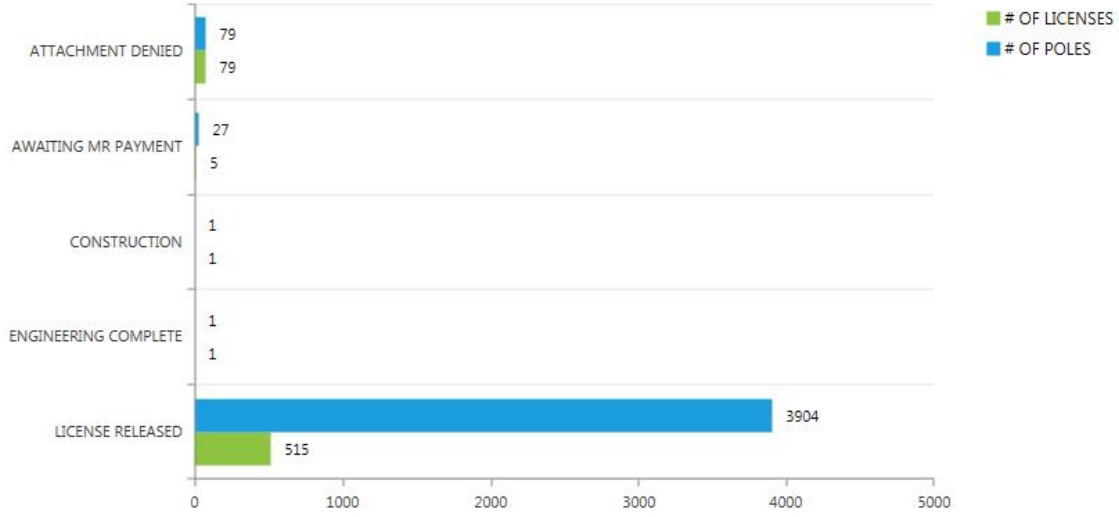
POLE COUNT 4014

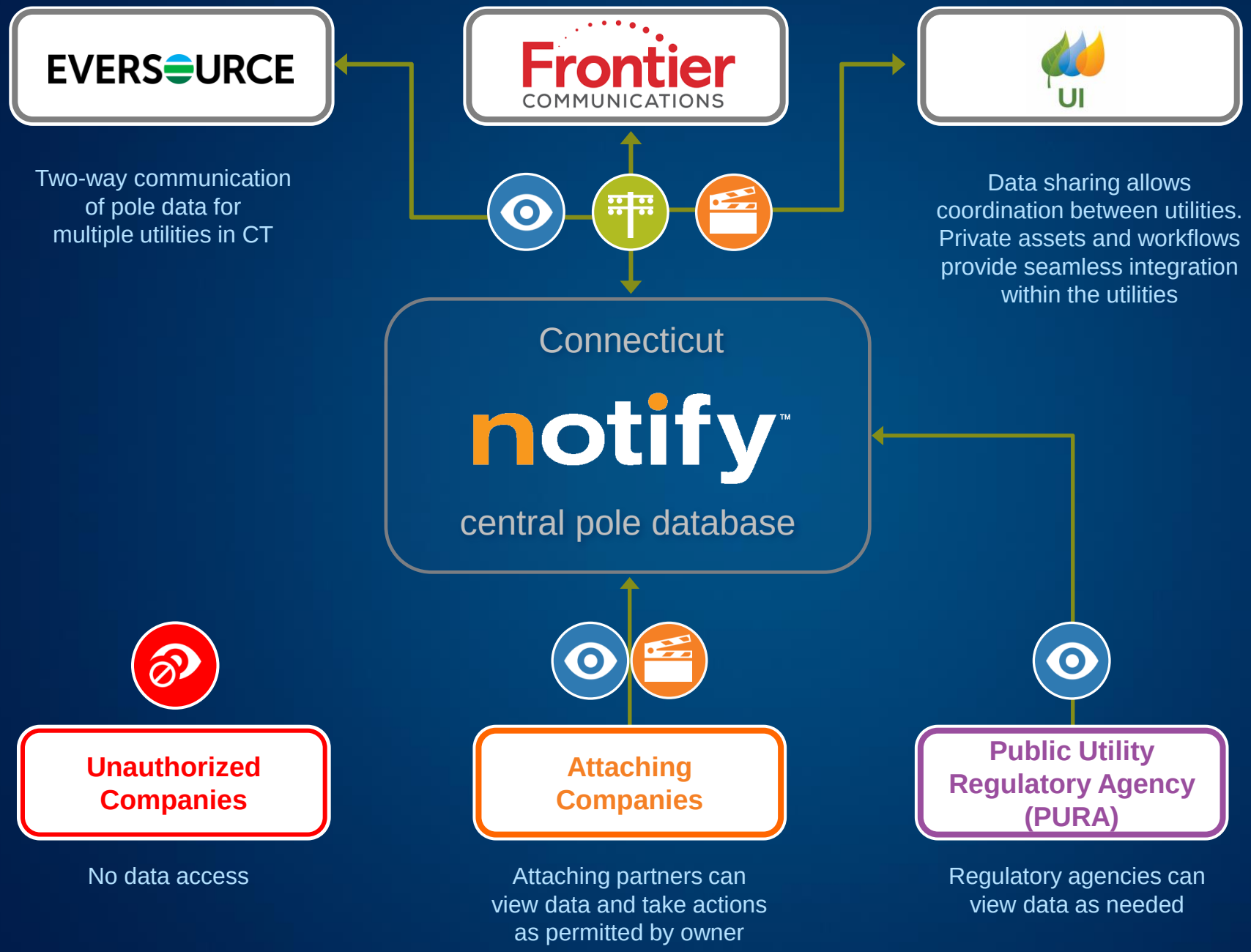


LICENSE APPLICATIONS STATUS (%)



LICENSE APPLICATIONS STATUS

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pole asset data
view data
take action
cannot view or take action
alden

Implementation Timeline for California

More Reporting Examples

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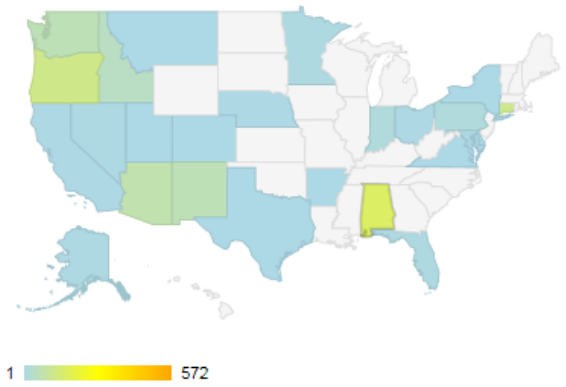
CONVERSATION DASHBOARD

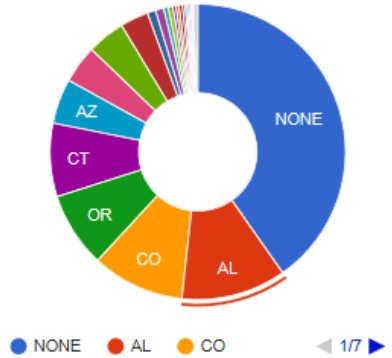
All | Assigned To Me | Initiated By me

Reset All Filters

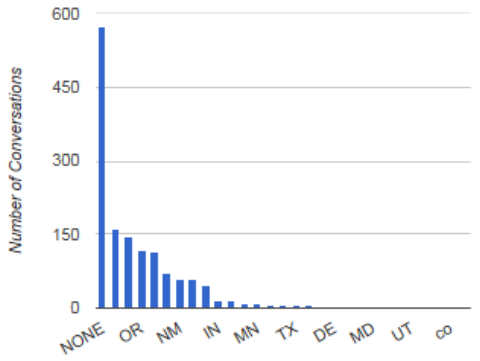
All My Conversation By State



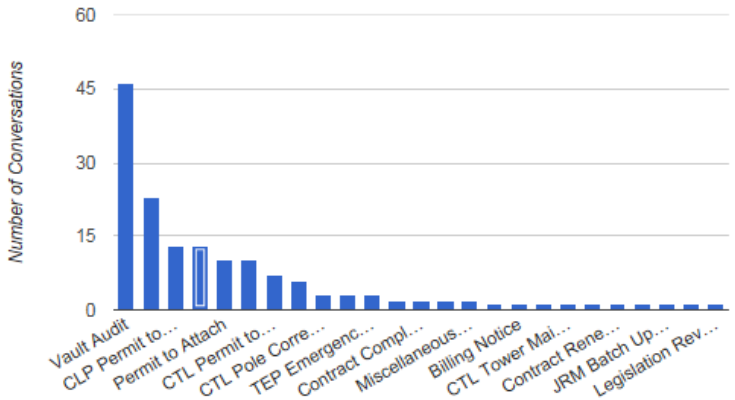
All My Conversation By State



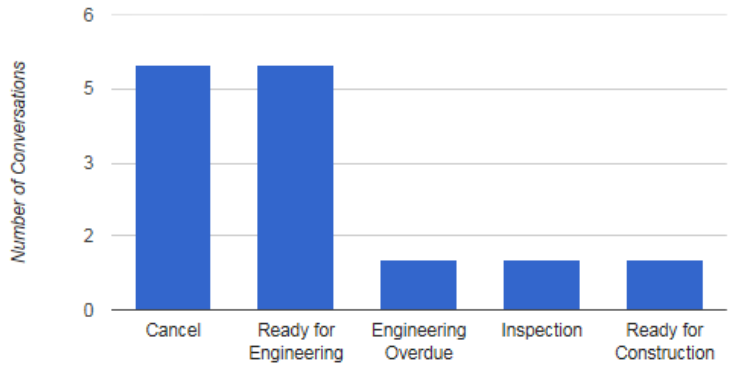
All My Conversation By State



Conversation Types For All My Conversations In AL



TPA Construction status breakdown



Conversations Assigned To For Current Filters

Conversations Initiated By For Current Filters

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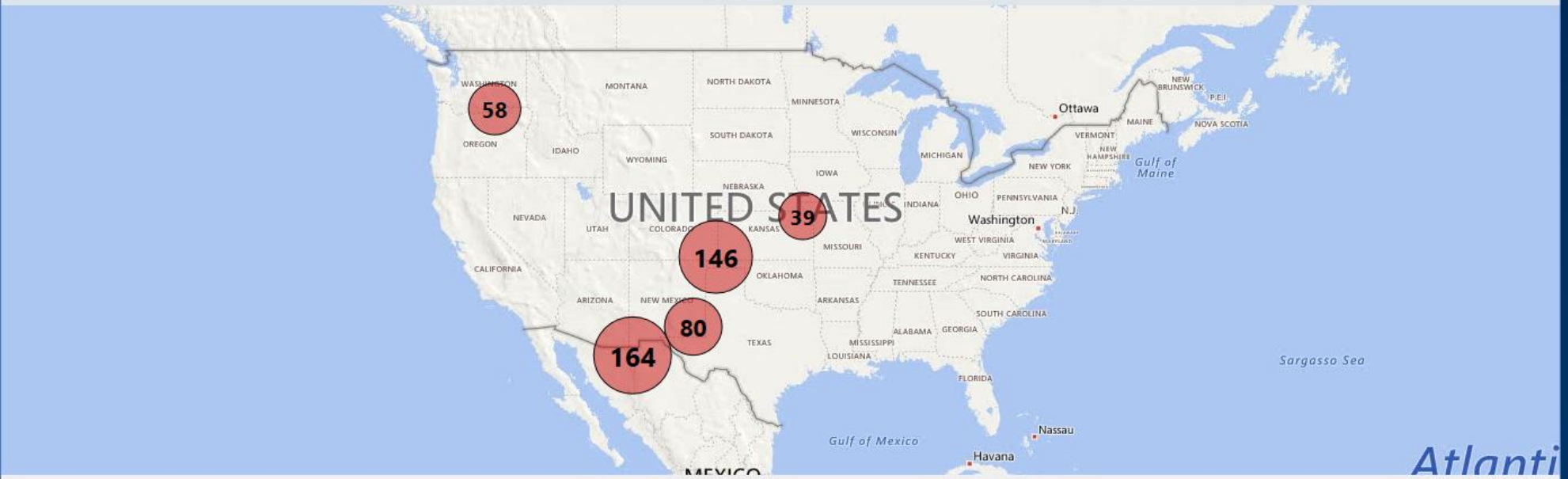
Vault Dashboard-PROD

VAULT DASHBOARD

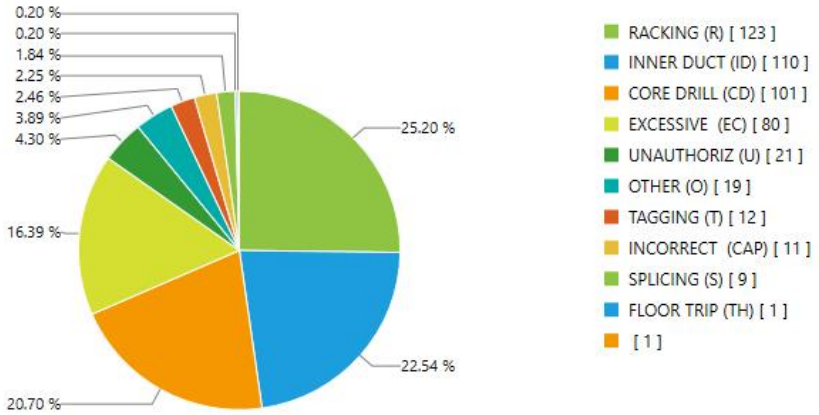
Vault Violation View

LAST DATA REFRESH
10/11/2016 8:53 AM

LAST DATA SYNCH
3/10/2017 7:46 AM

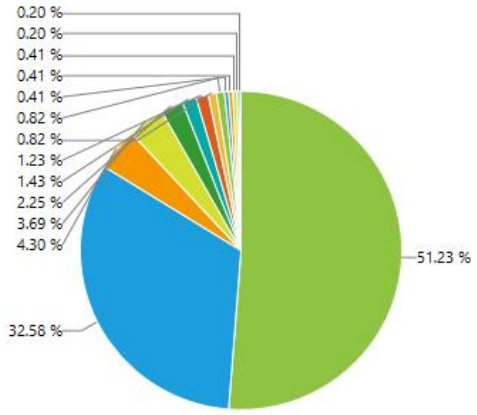


VIOLATIONS BY TYPE FOR ALL STATES



- RACKING (R) [123]
- INNER DUCT (ID) [110]
- CORE DRILL (CD) [101]
- EXCESSIVE (EC) [80]
- UNAUTHORIZ (U) [21]
- OTHER (O) [19]
- TAGGING (T) [12]
- INCORRECT (CAP) [11]
- SPLICING (S) [9]
- FLOOR TRIP (TH) [1]
- [1]

VIOLATIONS BY COMPANY FOR ALL STATES



- CENTURY LINK (CTL) [250]
- ZAYO (ZAY) [159]
- COMCAST (COM) [21]
- WINDSTREAM (WND) [18]
- UNKNOWN (UNK) [11]
- AT&T (ATT) [7]
- AT&T [6]
- TW TELECOM (TWT) [4]
- MCI (MCI) [4]
- SEATTLE CITY AND LIGHT [2]
- INTEGRA TELECOM (INT) [2]
- ELECTRIC LIGHTWAVE (ELI) [2]
- CENTURYLINK [1]

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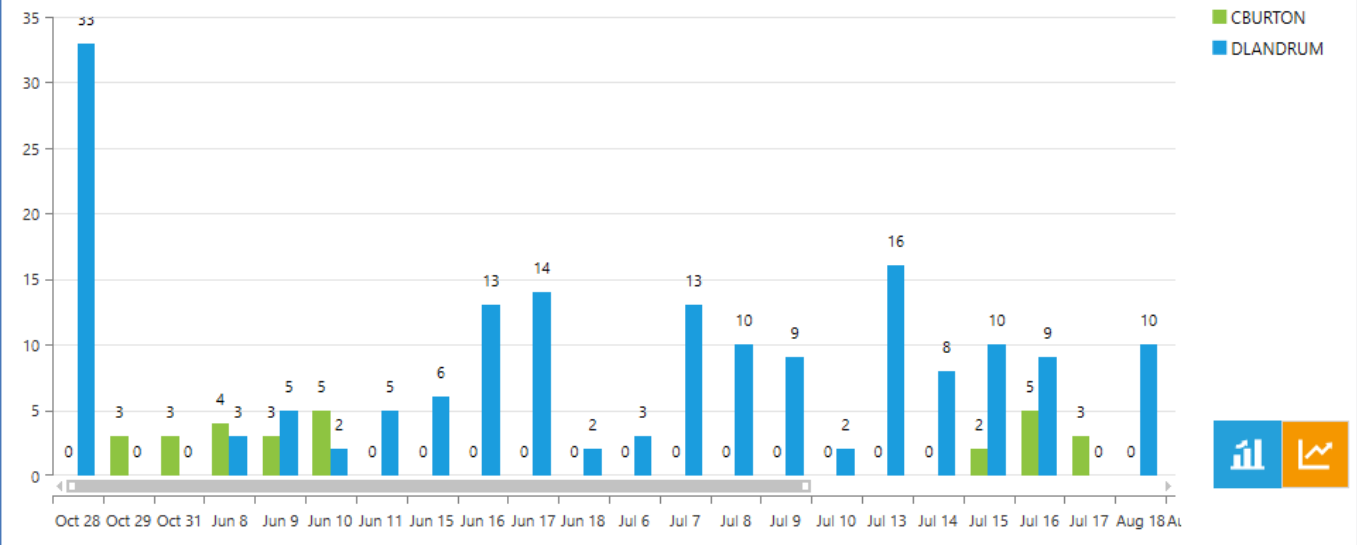
Vault Dashboard-PROD

VAULT DASHBOARD

LAST DATA REFRESH
10/11/2016 8:53 AM

LAST DATA SYNCH
3/10/2017 7:46 AM

Vault Inspection Progress



RUN RATE SUMMARY

total number of vaults

279

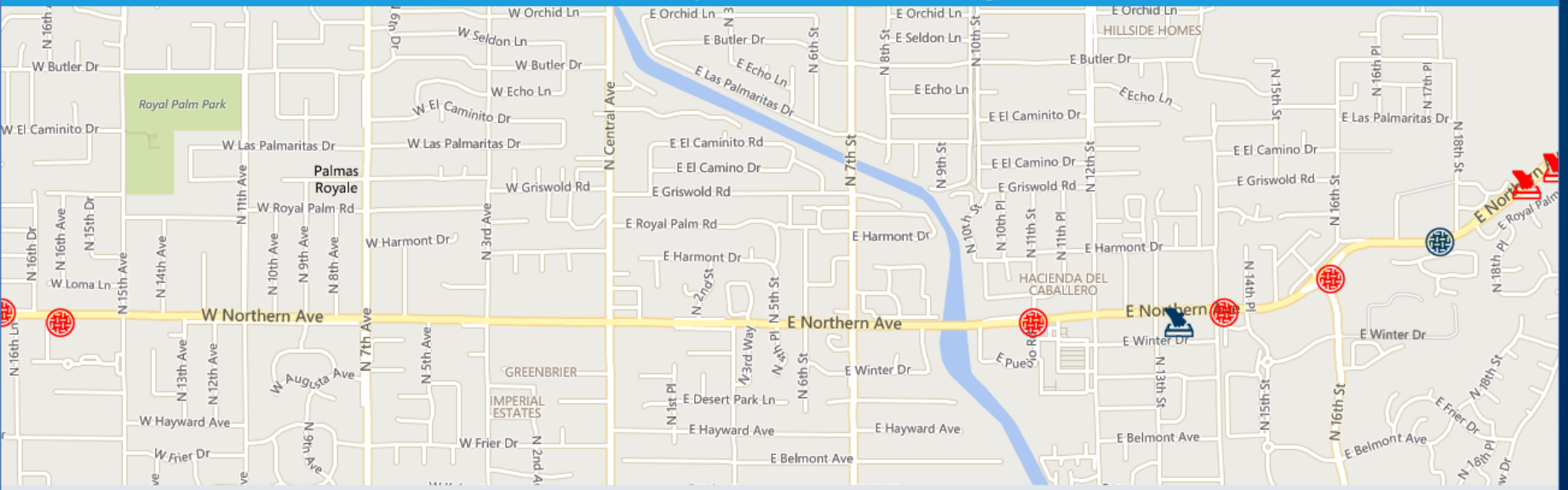
average vaults/day

8

average audit time/vault

16.01

VAULTS INVENTORIED ON : 7/9/2015 By : DLANDRUM (Click on a single bar on the chart above)



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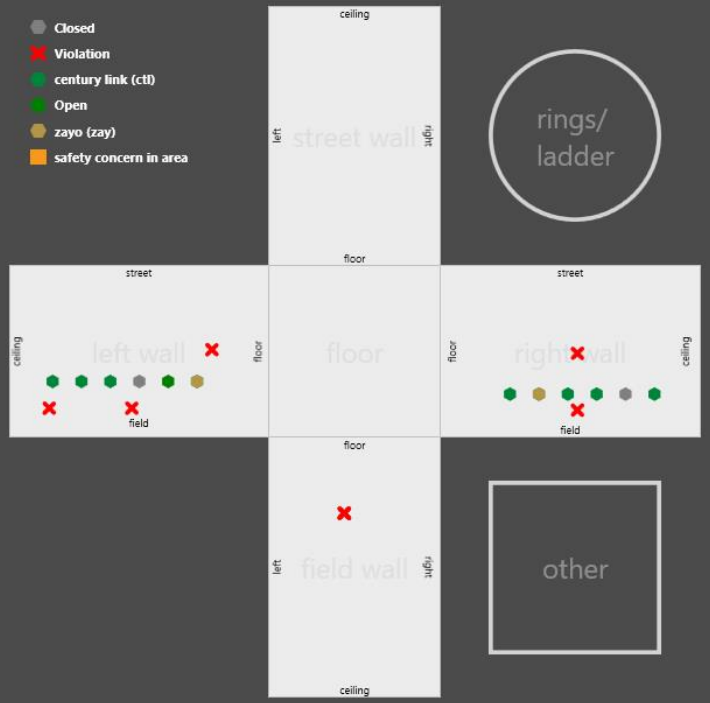
Conduit & Towers

15532FN - AZ - TUCSON

vault ID 15532FN auditor CBURTON audit date 7/16/2015 audit minutes 26.00

Closed
Violation
century link (ctl)
Open
zayo (zay)
safety concern in area



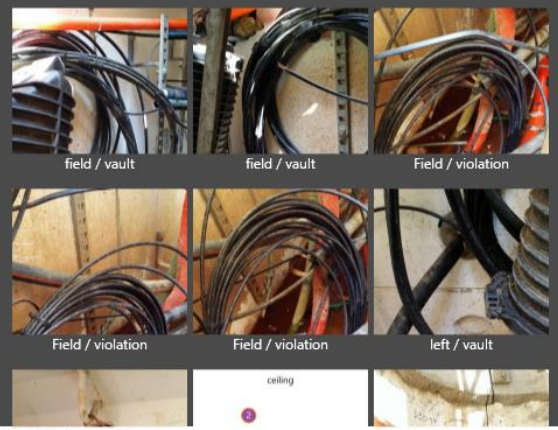
violations 8

century link (ctl)	Inner Duct (ID)
zayo (zay)	Excessive (EC)
century link (ctl)	Inner Duct (ID)
zayo (zay)	Tagging (T)
zayo (zay)	Racking (R)
zayo (zay)	Inner Duct (ID)
century link (ctl)	Inner Duct (ID)
century link (ctl)	Inner Duct (ID)

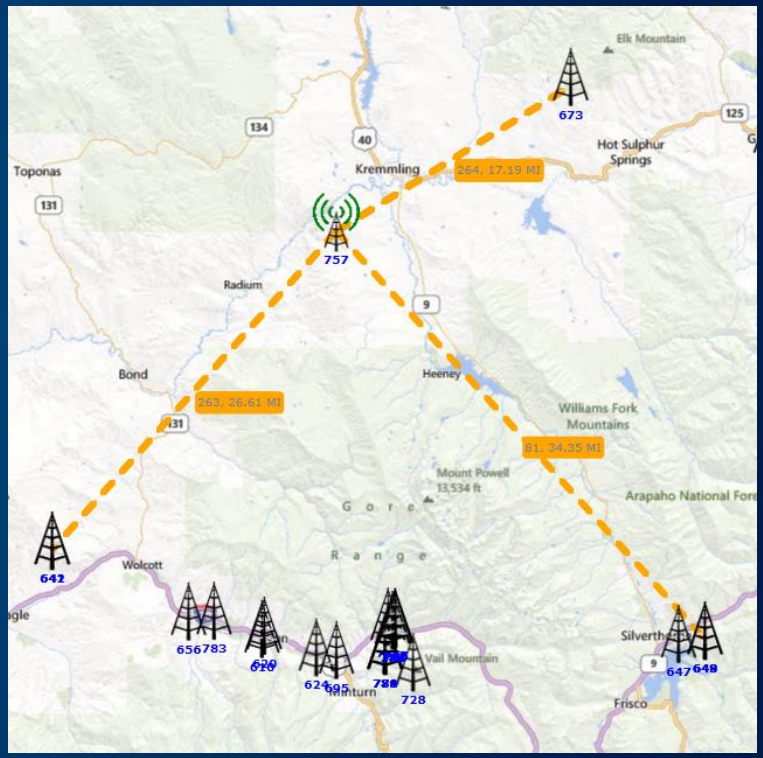
safety concerns 1

Missing La (ML)	Additional step required

all photos 18



Move the mouse over any duct to see the occupant details on the butterfly diagram. Click on any photos to see the full size photo.



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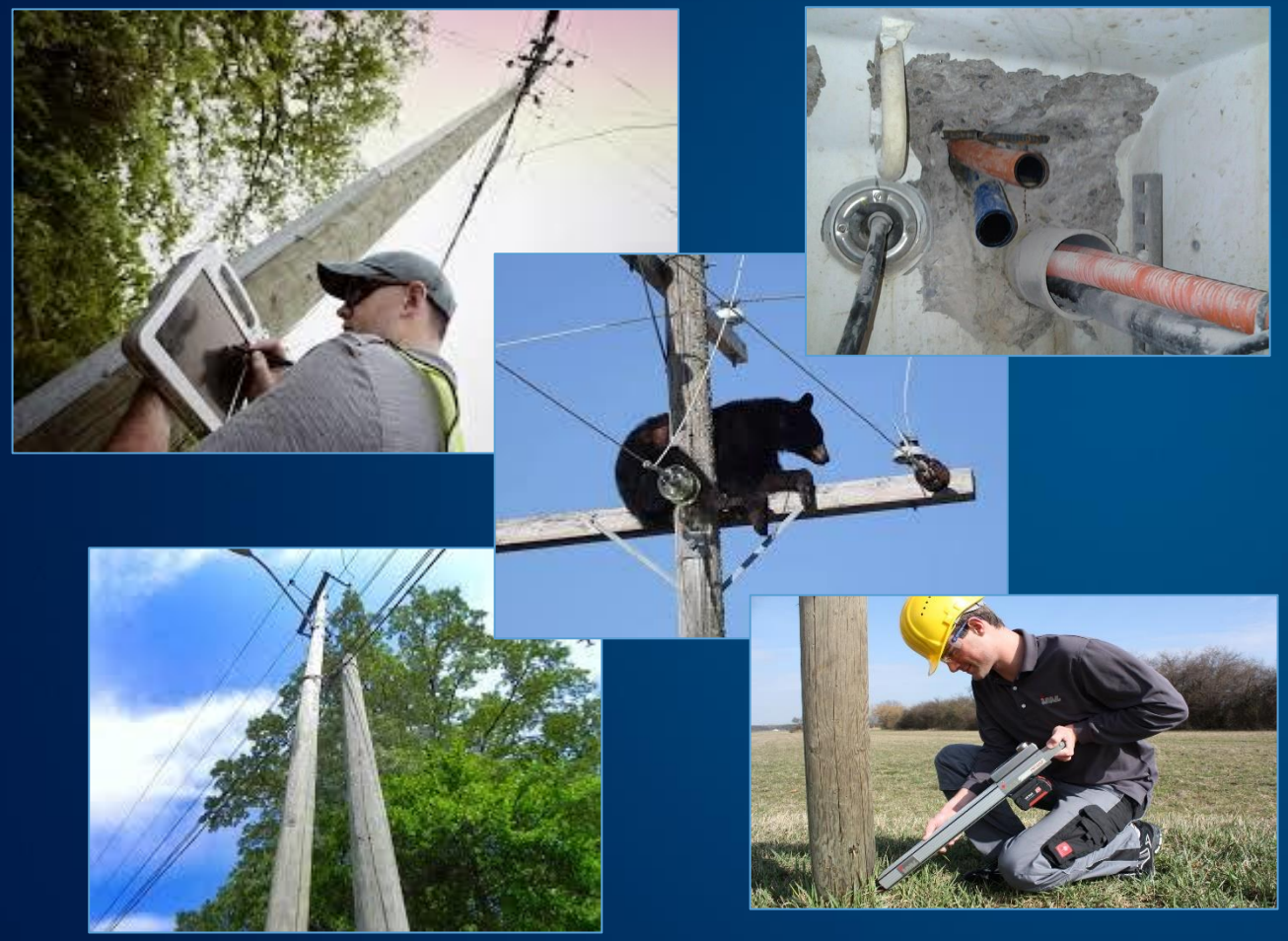
Software & Service Offerings



SOFTWARE

- ✓ Asset Management
- ✓ Work Order Tracking
- ✓ Cost Tracking
- ✓ Contract Management
- ✓ Pole and Conduit Capacity Visibility
- ✓ Fire & Safety Boundary Incorporation
- ✓ Pole Loading Integration

SERVICES

- ✓ OSP Field Services, Joint Use Inventory
- ✓ GO, NESC and compliance Inspections
- ✓ Conduit Inventory
- ✓ Pole Transfer Inventory and Analysis
- ✓ Consulting Services
- ✓ Managed Services

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California can…

- **Increase Safety & Reliability** through a Centralized Joint Use, Asset Management (poles & conduit) and Pole Loading Database
- **Accelerate Time to Market** for Attachers while **reducing expenses** (trips to pole, delayed permits)
- **Increase Transparency** to the CPUC through dashboards and automated reports
- **Reduce resource restrictions** within Engineering and Joint Use

California…One State, One Process.

notify™

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software • services • smarts