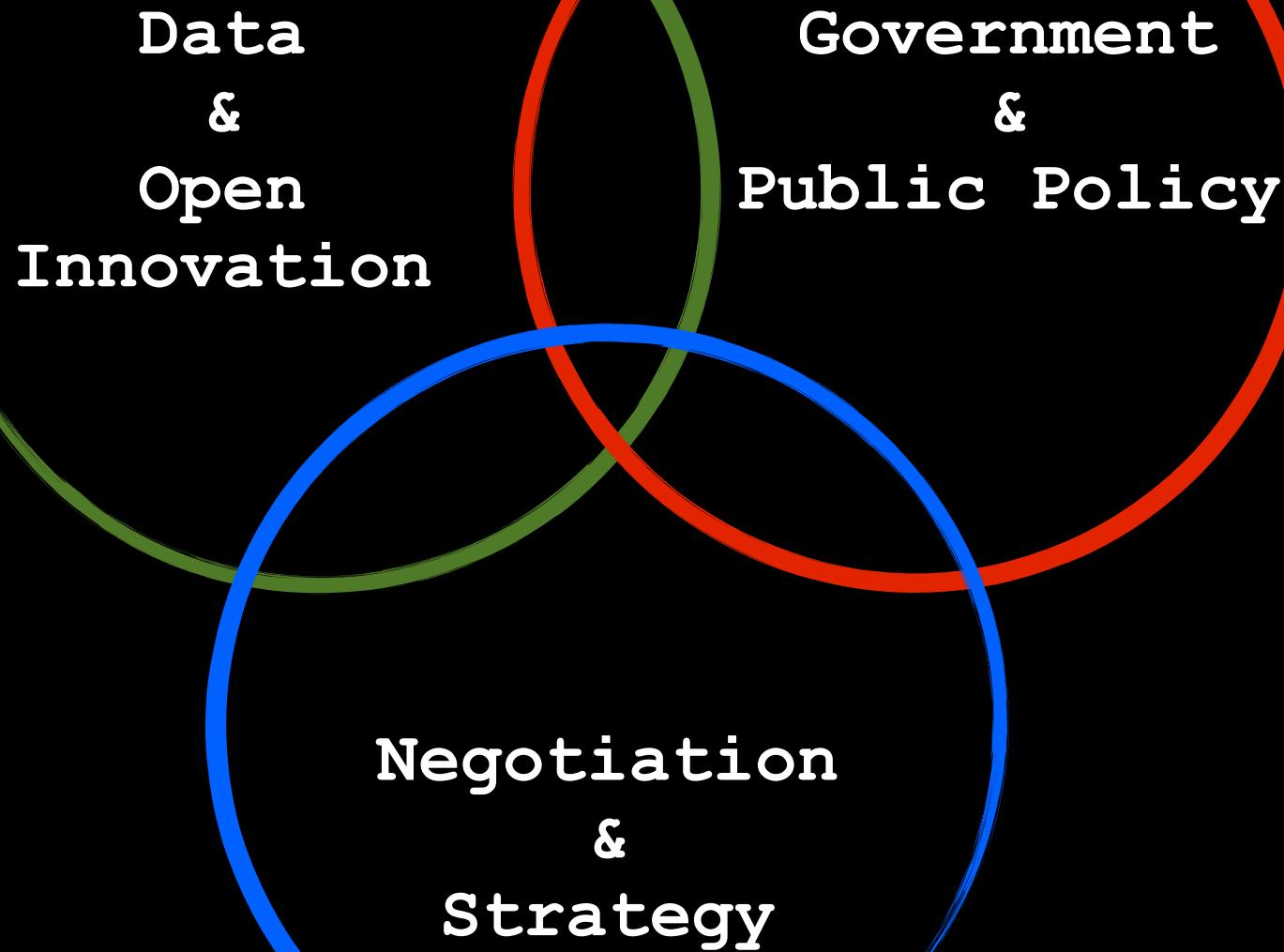




Dark Matter Open Data Portals and what's actually going on





Department of Foreign Affairs
and International Trade
Ministère des Affaires étrangères
et du Commerce international



Drupal™



Open Knowledge
Foundation

GREENPEACE



ENVIRONICS
• INSTITUTE •



HARVARD Kennedy School

JOHN F. KENNEDY SCHOOL OF GOVERNMENT

CODE *for*
AMERICA



mozilla
FOUNDATION

[Open data home](#)
[Get the data](#)
[Data catalogue](#)
[City web feeds](#)
[About the data](#)
[Data formats](#)
[Data updates](#)
[Terms of use](#)
[Feedback](#)

Data catalogue

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Name & Information about Data	CSV	XLS	DWG	KML	SHP	ECW	Mr SID	 Google Maps	 Bing Map
A									
Address labels for map display			 DWG	 KML	 SHP				
Alleyways			 DWG	 KML	 SHP			G	b
Apartment recycling schedule zones			 DWG						
Art									
B									
Bikeways			 DWG	 KML	 SHP			G	b
Block numbers			 DWG	 KML	 SHP			G	b
Block outlines			 DWG	 KML	 SHP				
Building Footprints 1999			 DWG	 KML	 SHP			G	b
Business improvement areas (BIA)			 DWG	 KML	 SHP			G	b
C									
Cadastral boundaries			 DWG	 KML	 SHP				
Canada Line									
City boundary			 DWG	 KML	 SHP			G	b
City-Owned properties			 DWG	 KML	 SHP			G	b

ReCollect

reduce call volumes
increase recycling
delight residents



Help me find ▾

Neighborhood Services

Business Services

Visiting

Government

Online Services

Trash and Recycling

Search for services, locate city offices, more...


[Pickup Schedules](#) [Recycling](#) [Trash Collection](#) [Reduce & Reuse](#) [Composting](#) [Hazardous Waste](#) [Resources](#) [Newsroom](#) [Contact](#)
[Trash and Recycling](#) > [Pickup Schedules](#) > [Your Pickup Schedule](#) >
[Your Pickup Schedule](#)[Large Item Pickup Schedule \(LIP\)](#)[Holiday Schedule](#)[Missed Trash or Recycling Pickup](#)[Trash Cart Overflow Schedule](#)

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Search

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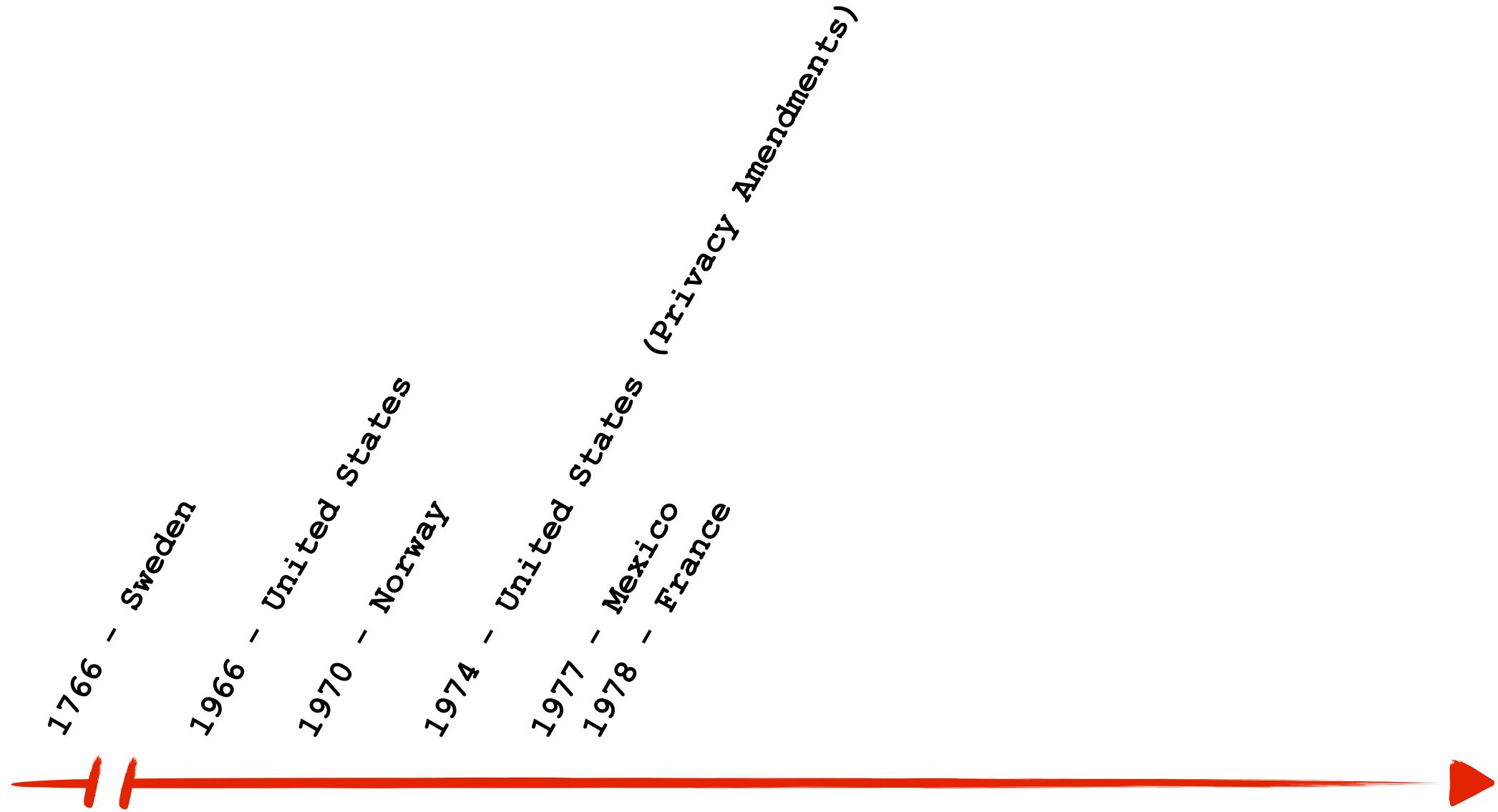
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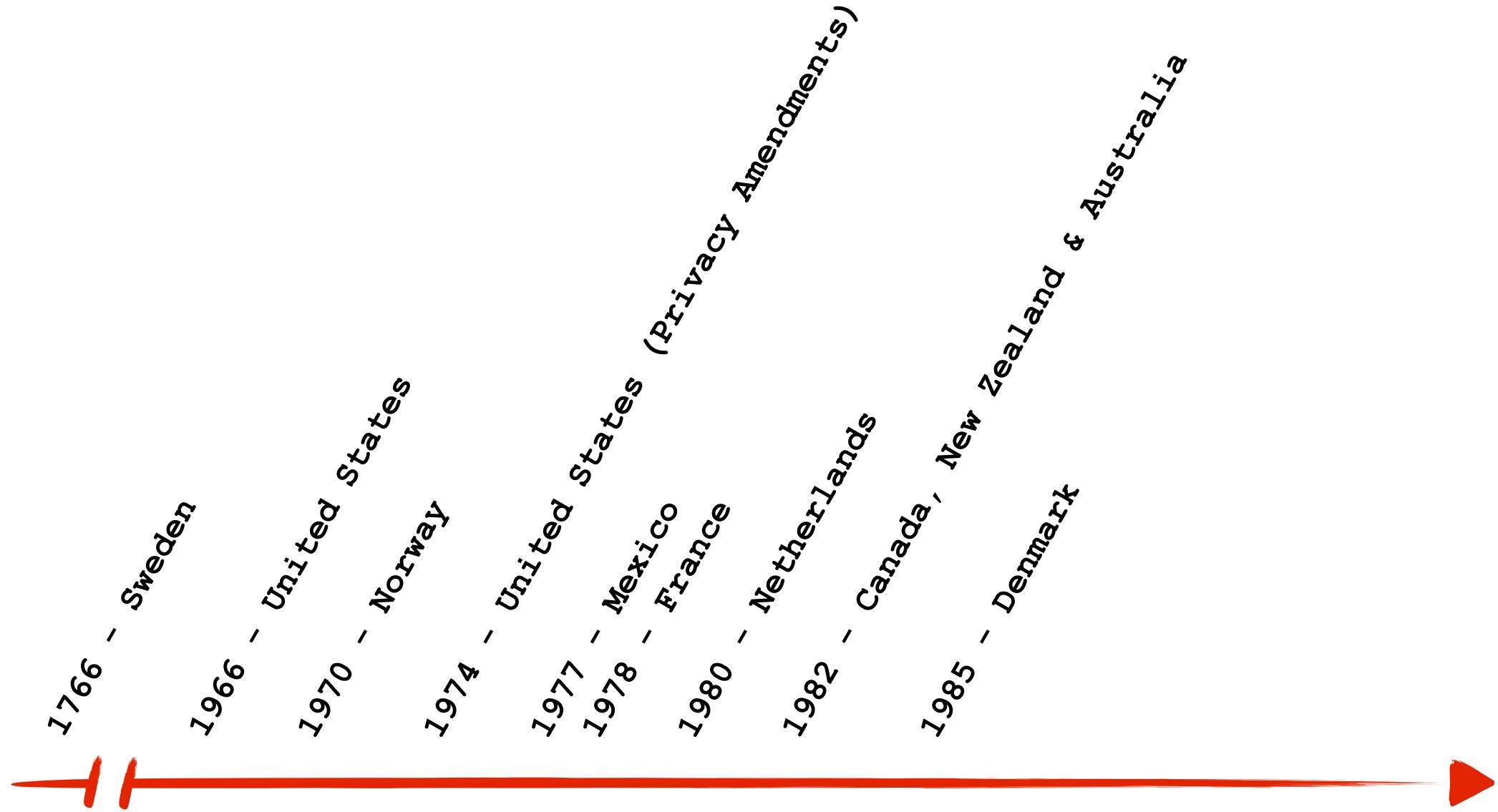
history

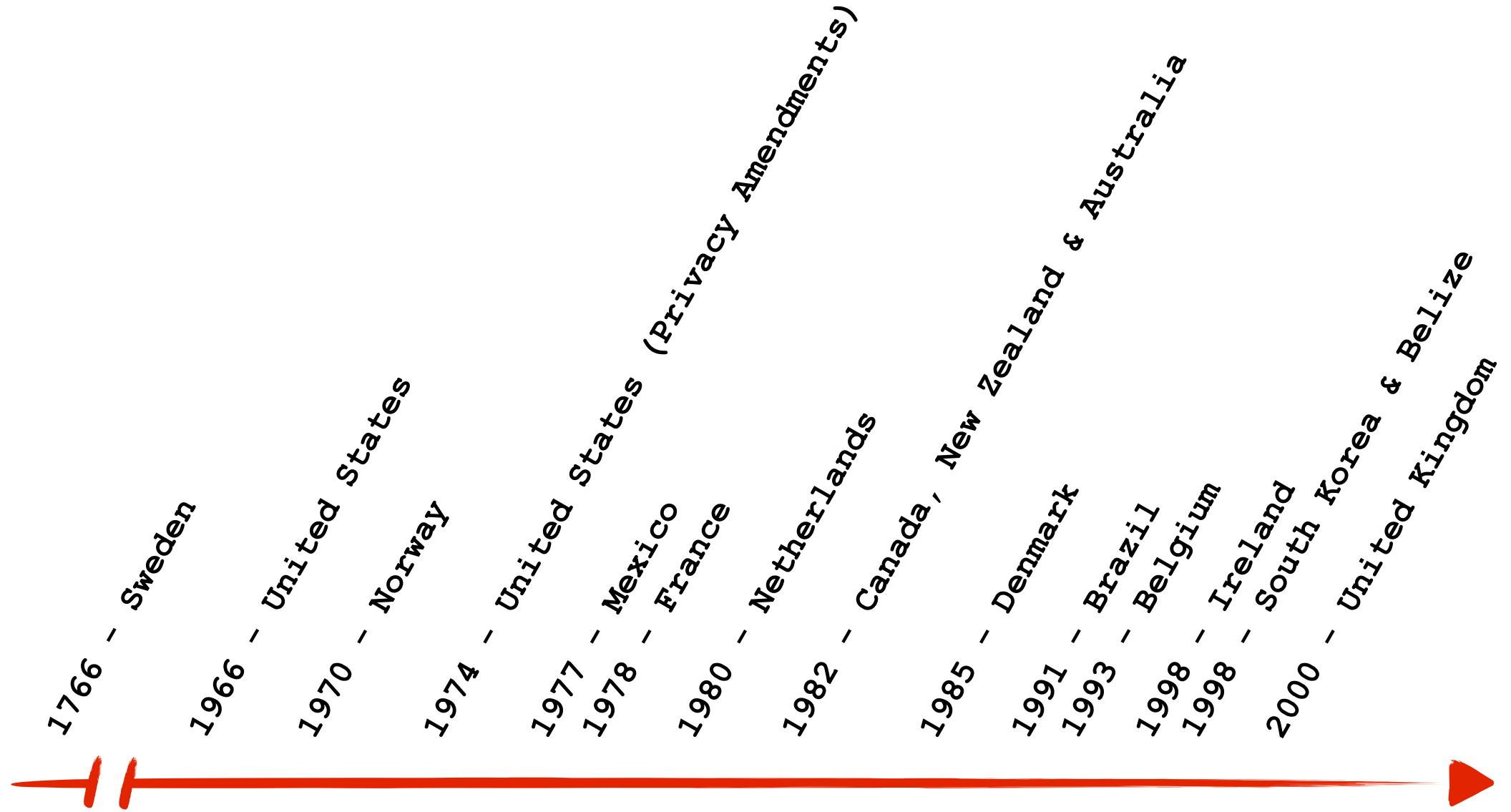
1766 - Sweden











why?

John E. Moss



Member of the U.S. House of
Representatives
from California's 3rd district

In office

January 3, 1953 – December 31, 1978

Preceded by [Justin L. Johnson](#)

Succeeded by [Robert T. Matsui](#)

Personal details

Born April 13, 1915

Hiawatha, Utah

Died December 5, 1997 (aged 82)

San Francisco, California

Political party Democratic



1966 - United States







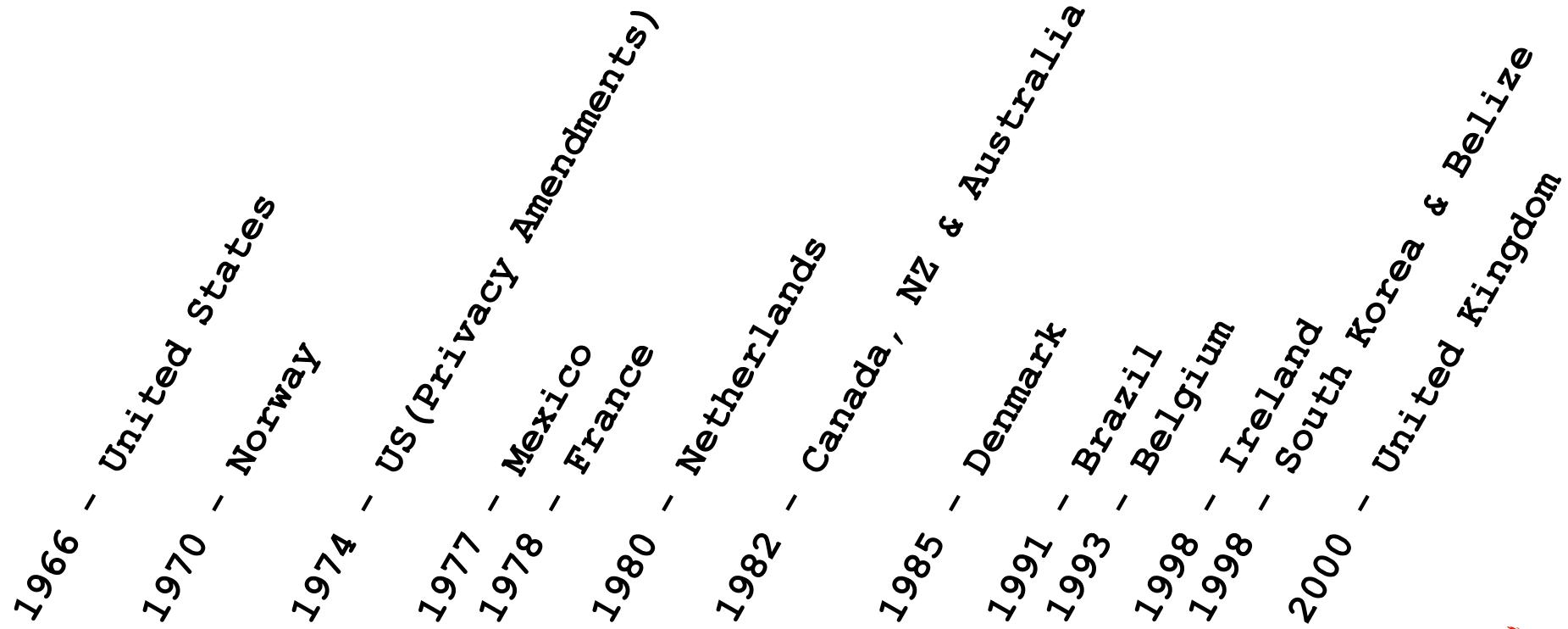
progressive coalitions

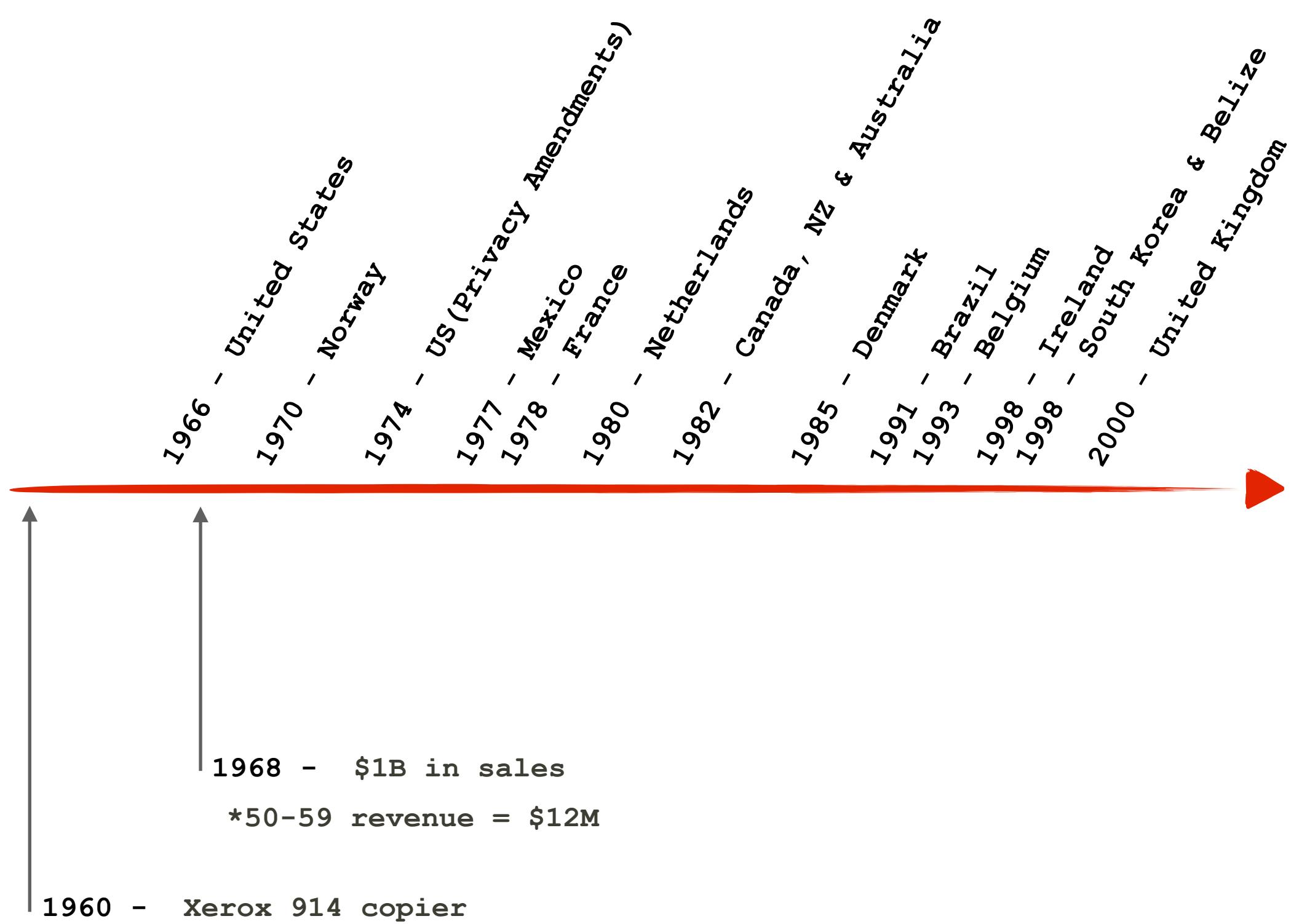
political/trust crisis

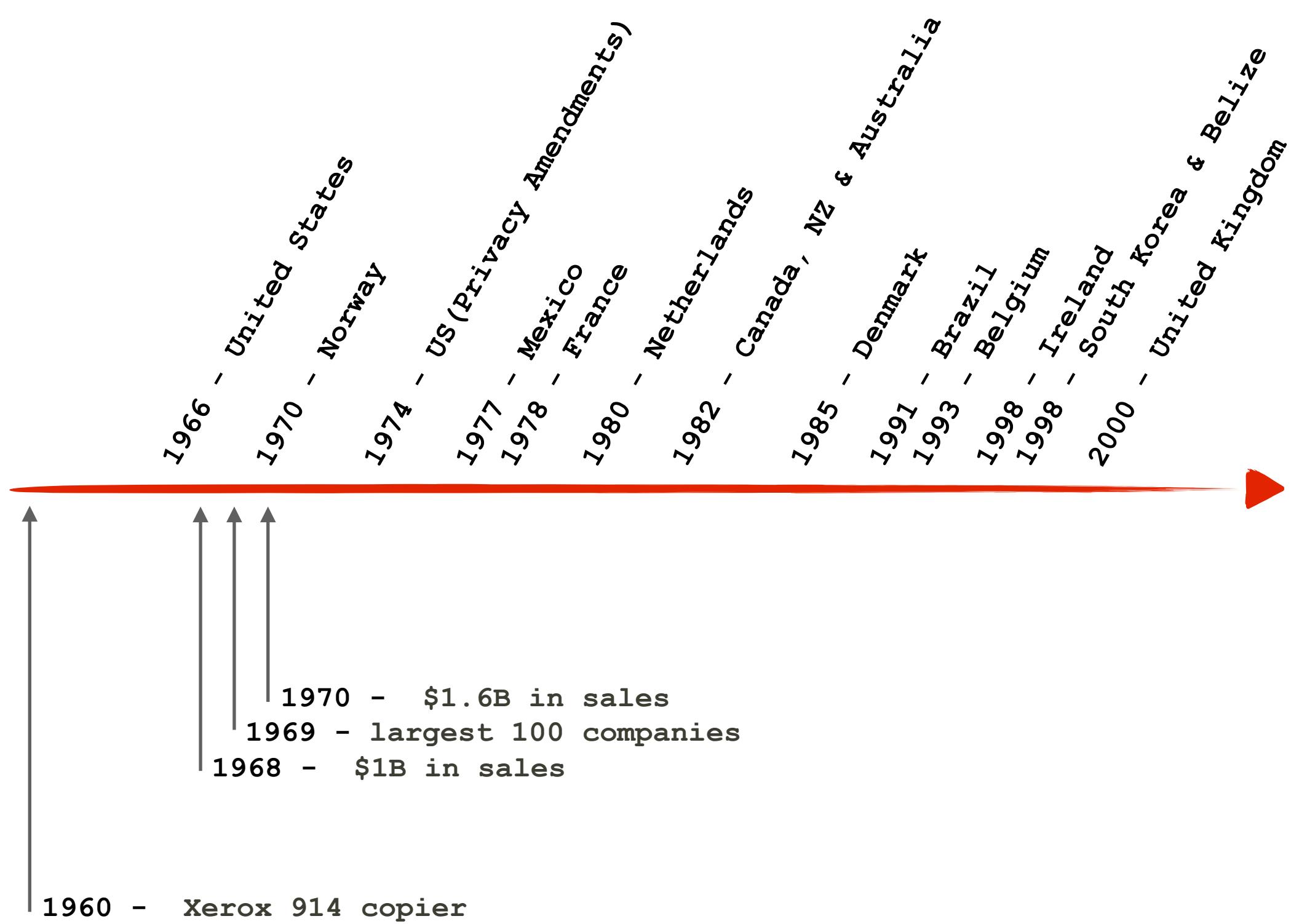
best practice

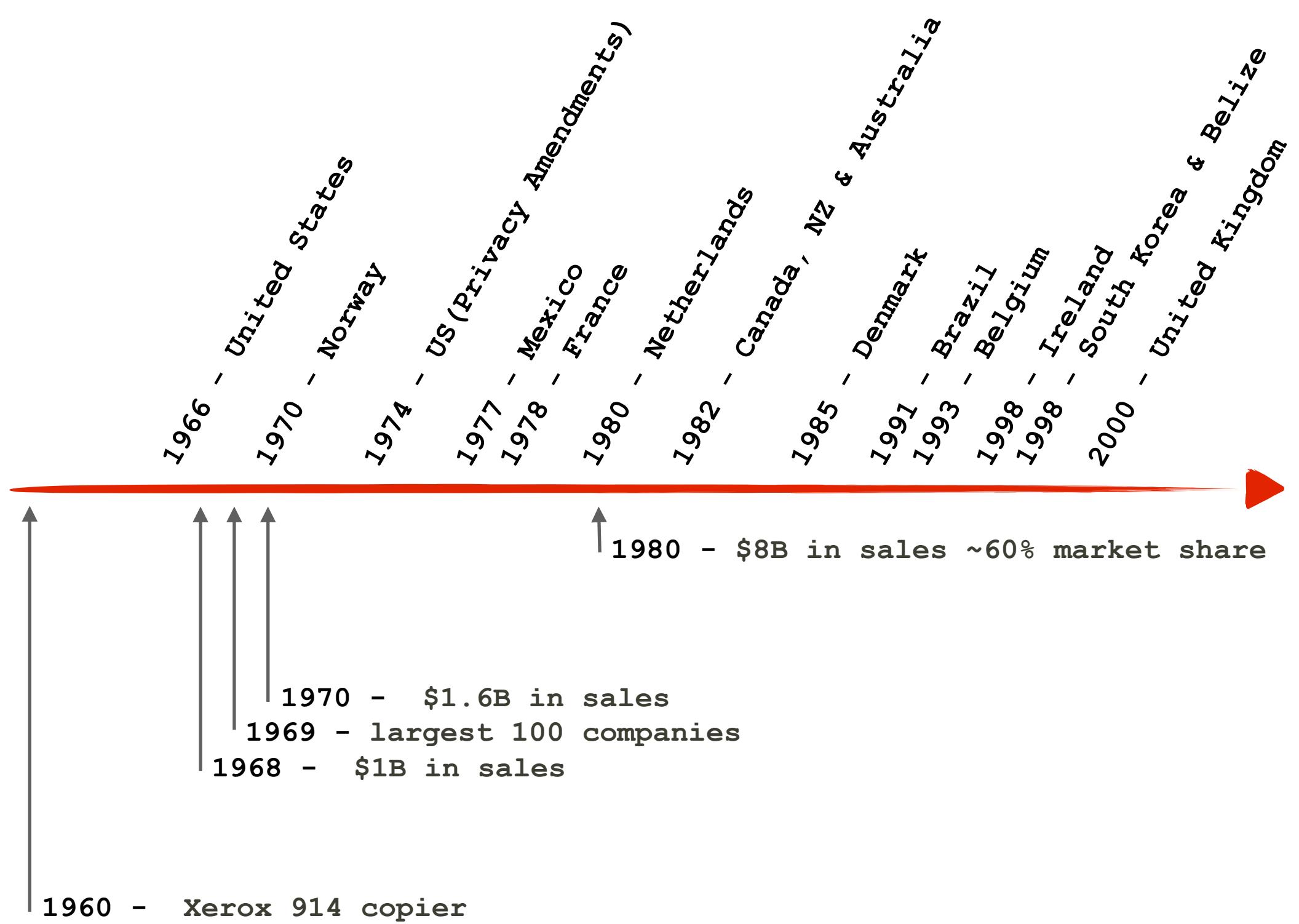


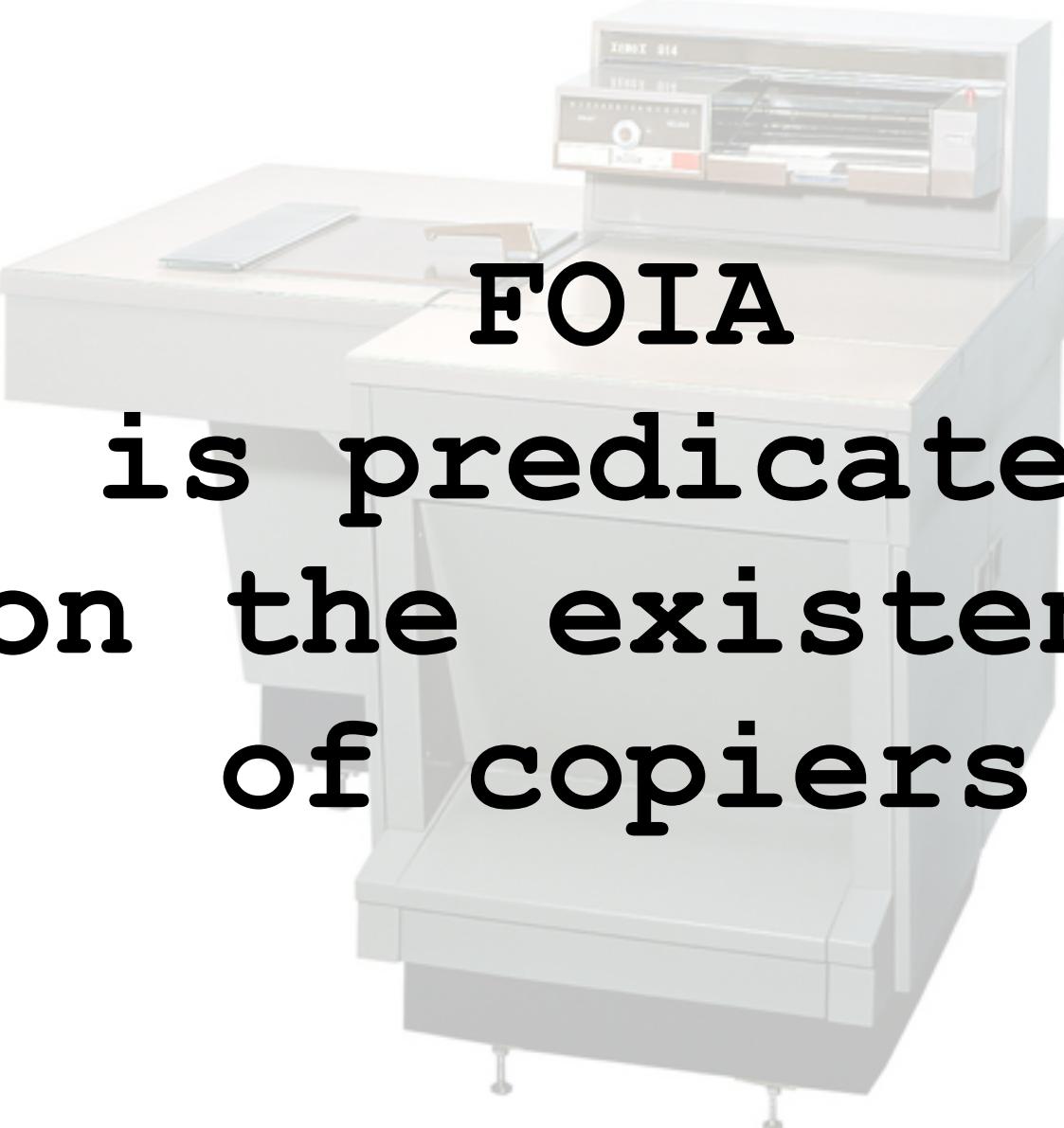
1960 - Xerox 914 copier









A vintage Xerox 814 copier machine, a light-colored rectangular device with a paper tray on top and a control panel with a small display and buttons. It sits atop a dark grey filing cabinet.

FOIA
is predicated
on the existence
of copiers

technology stack

HIGH LEVEL STACK VIEW

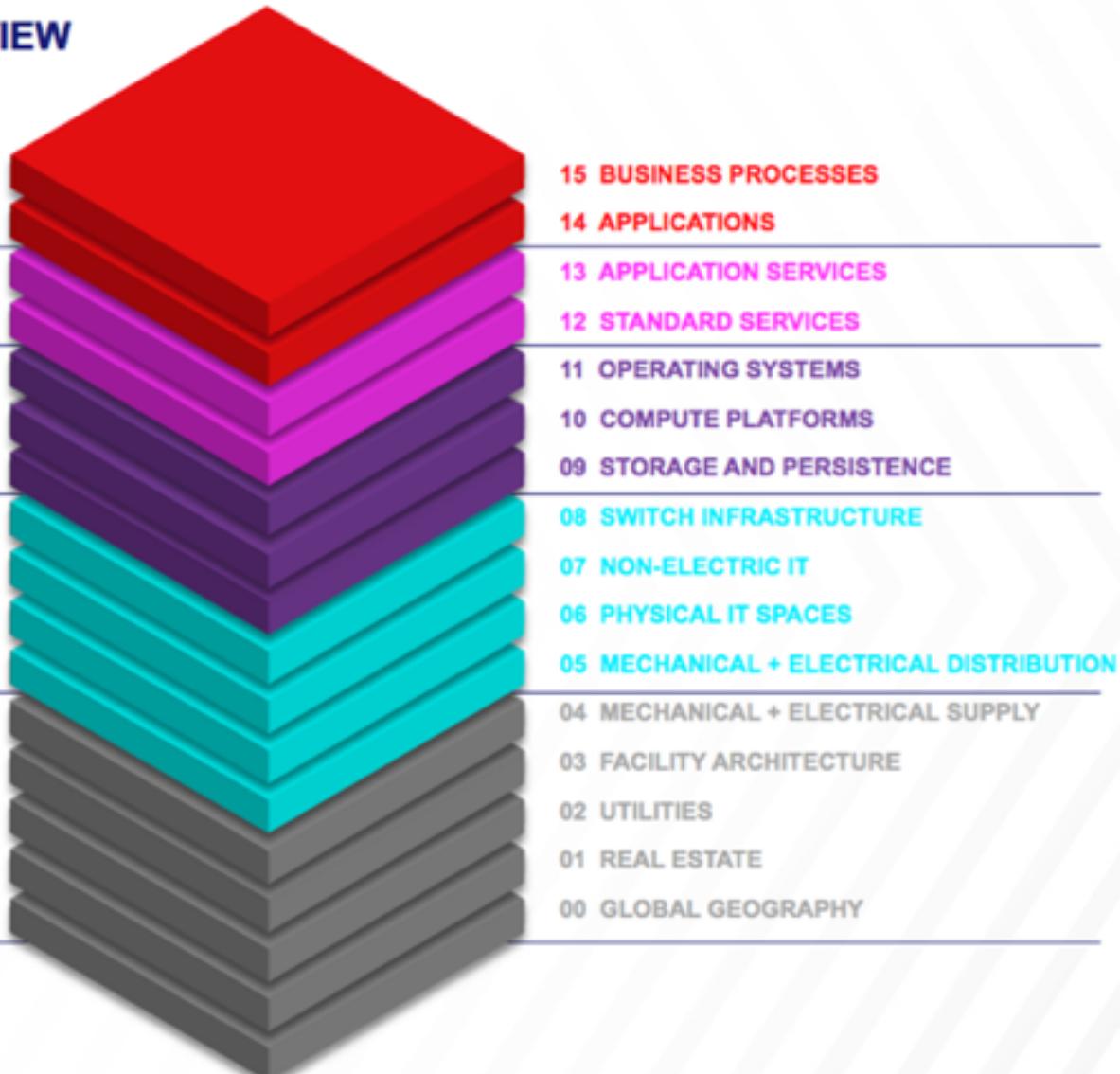
PROCESS AND APPLICATIONS

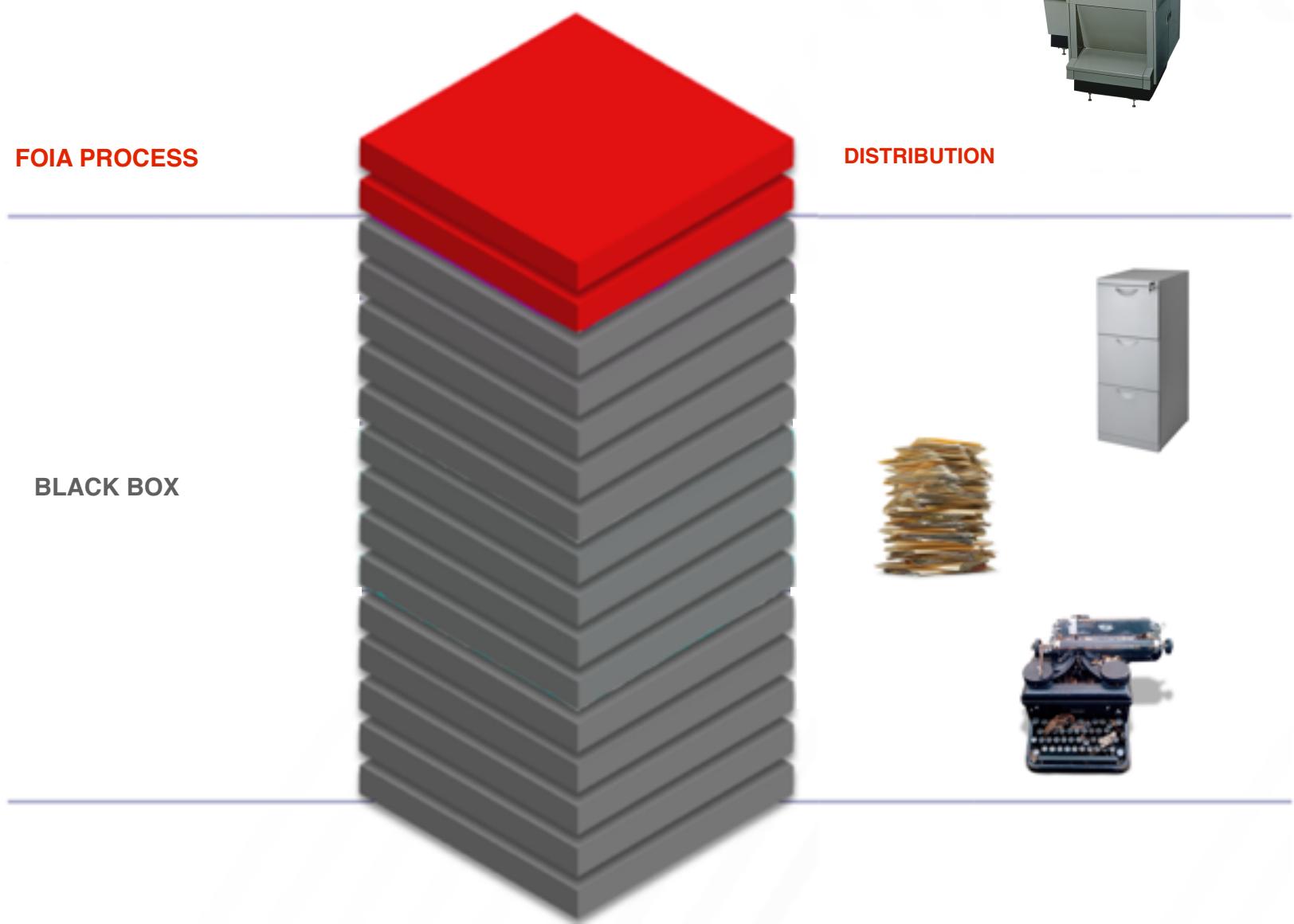
APPLICATION SERVICES

SERVERS AND OPERATING SYSTEMS

PHYSICAL IT

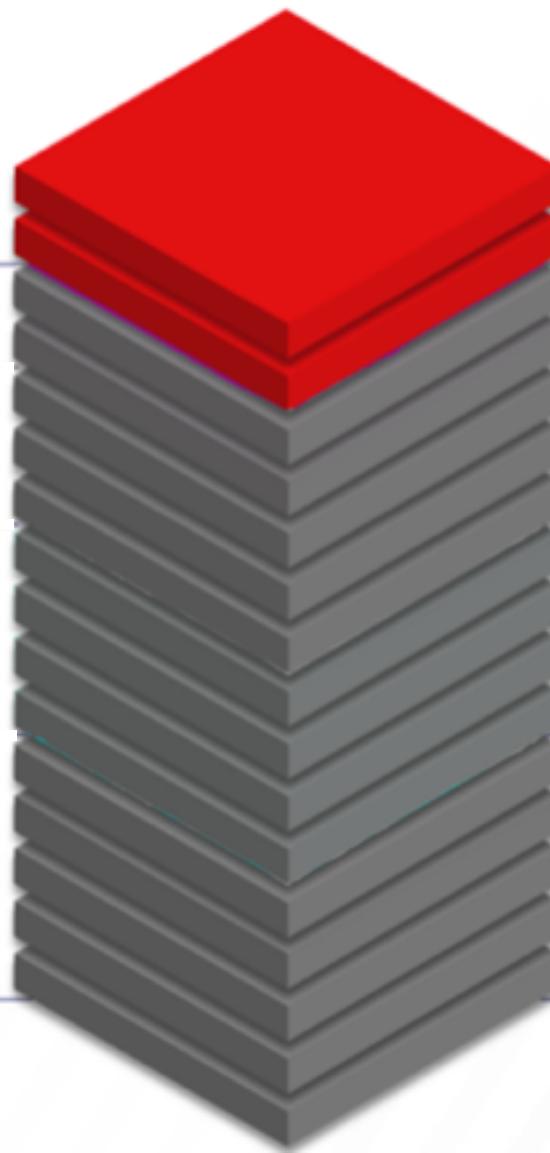
MECHANICAL AND ELECTRICAL





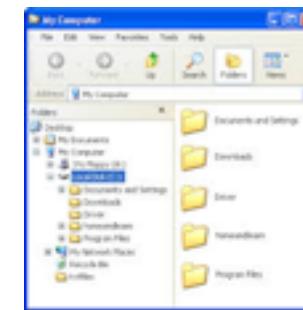
my fear

FOIA PROCESS



BLACK BOX

DISTRIBUTION



Open Data Portals

live

in the wrong place
in the stack

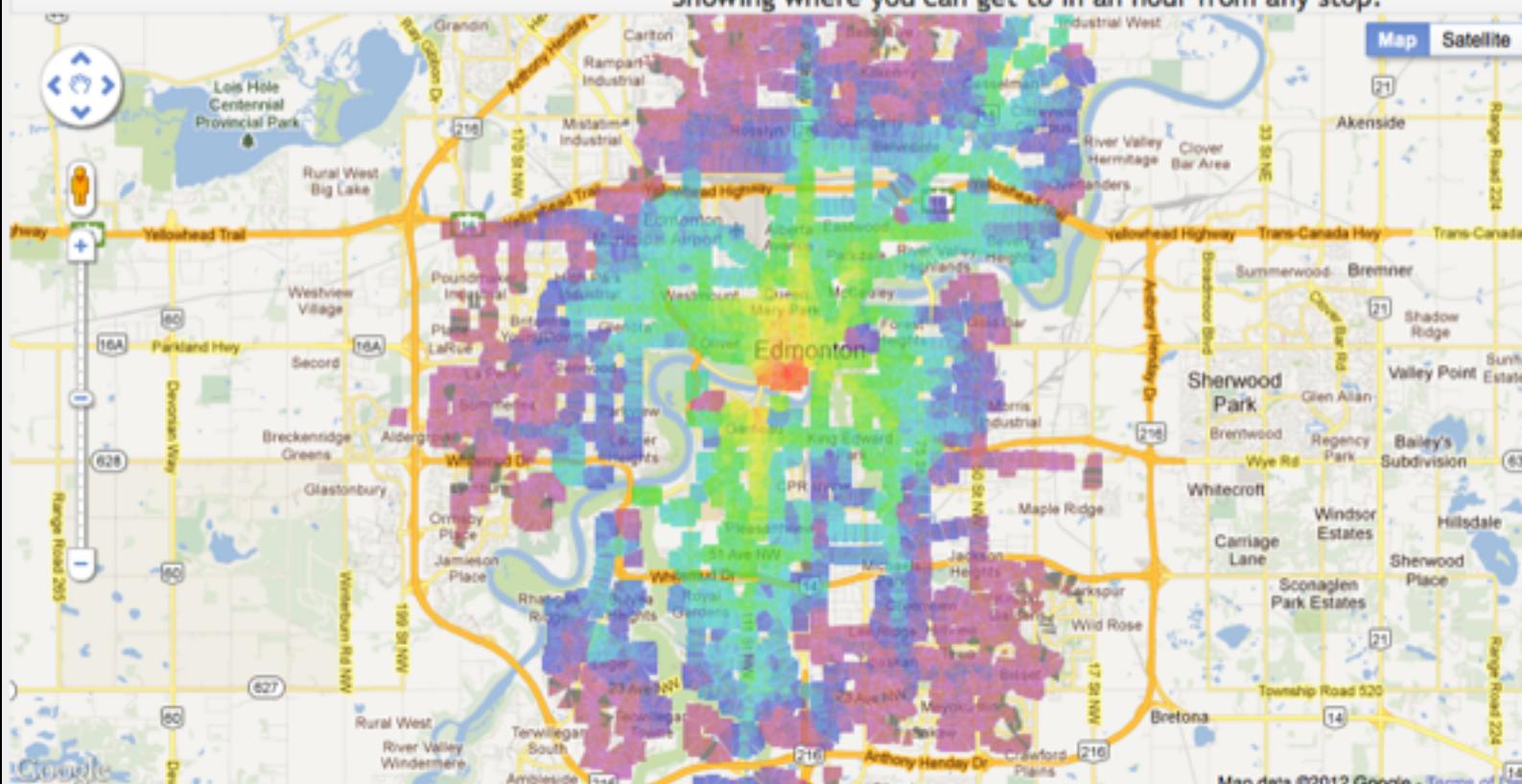
External Use
(apps)

Local hacking

idea space creation

Heat Map

Showing where you can get to in an hour from any stop.



Selected stop: 1551

104 Street & 97 Avenue

Date (m/d/y): 3/14/2012

Time: 15:00 (3 pm)

5181 stops reached in 60 minutes

Map complete.

[Start Again...](#)

[Cancel](#)

[Choose Another City](#)

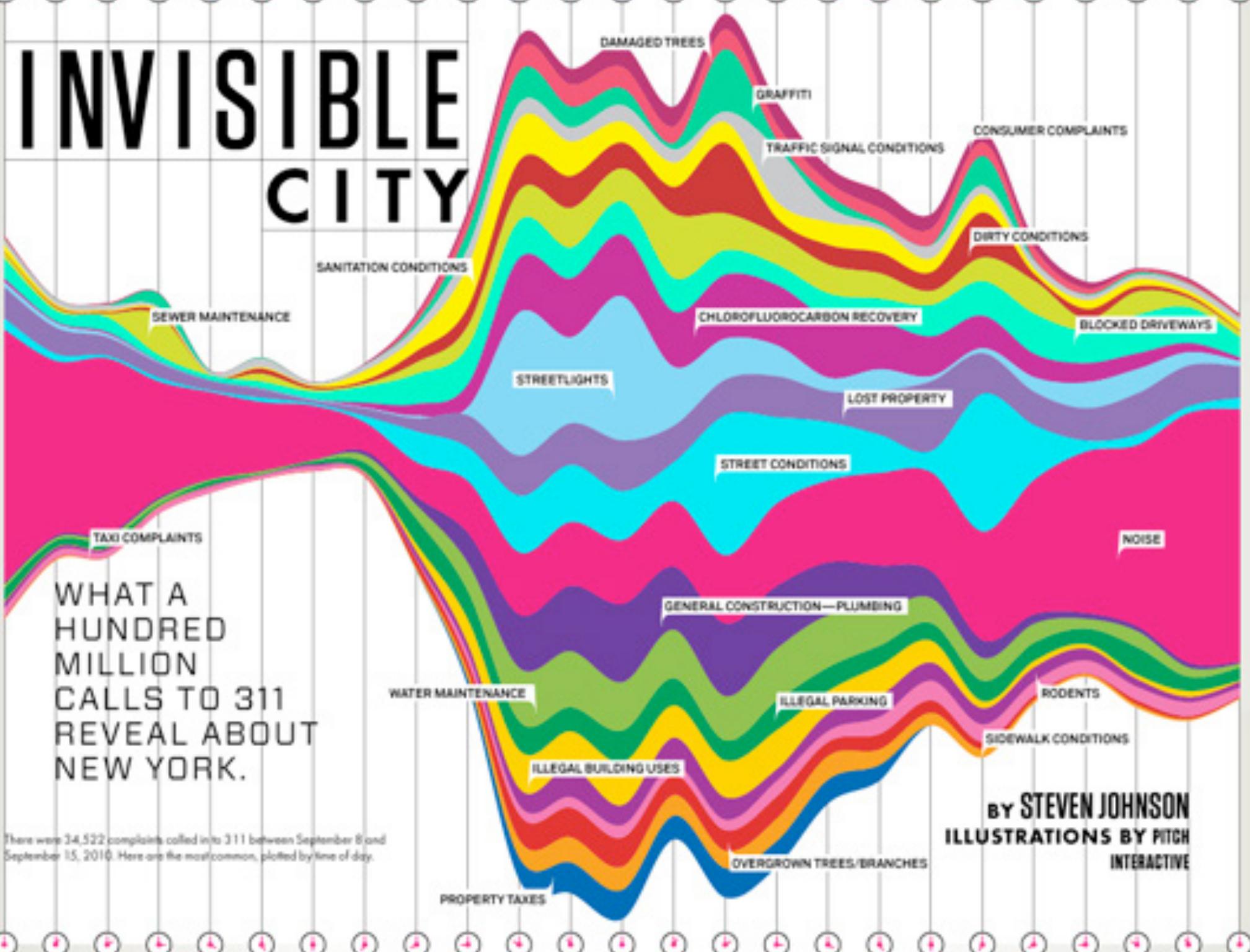


Route and arrival data used in this product or service is provided by permission of Edmonton Transit. Edmonton Transit assumes no responsibility for the

INVISIBLE CITY

WHAT A
HUNDRED
MILLION
CALLS TO 311
REVEAL ABOUT
NEW YORK.

There were 34,522 complaints called into 311 between September 8 and September 15, 2010. Here are the most common, plotted by time of day.



Register for...

Locate...

Report...

A Crime Anonymously

Report a Crime or Disturbance
to the RCMP

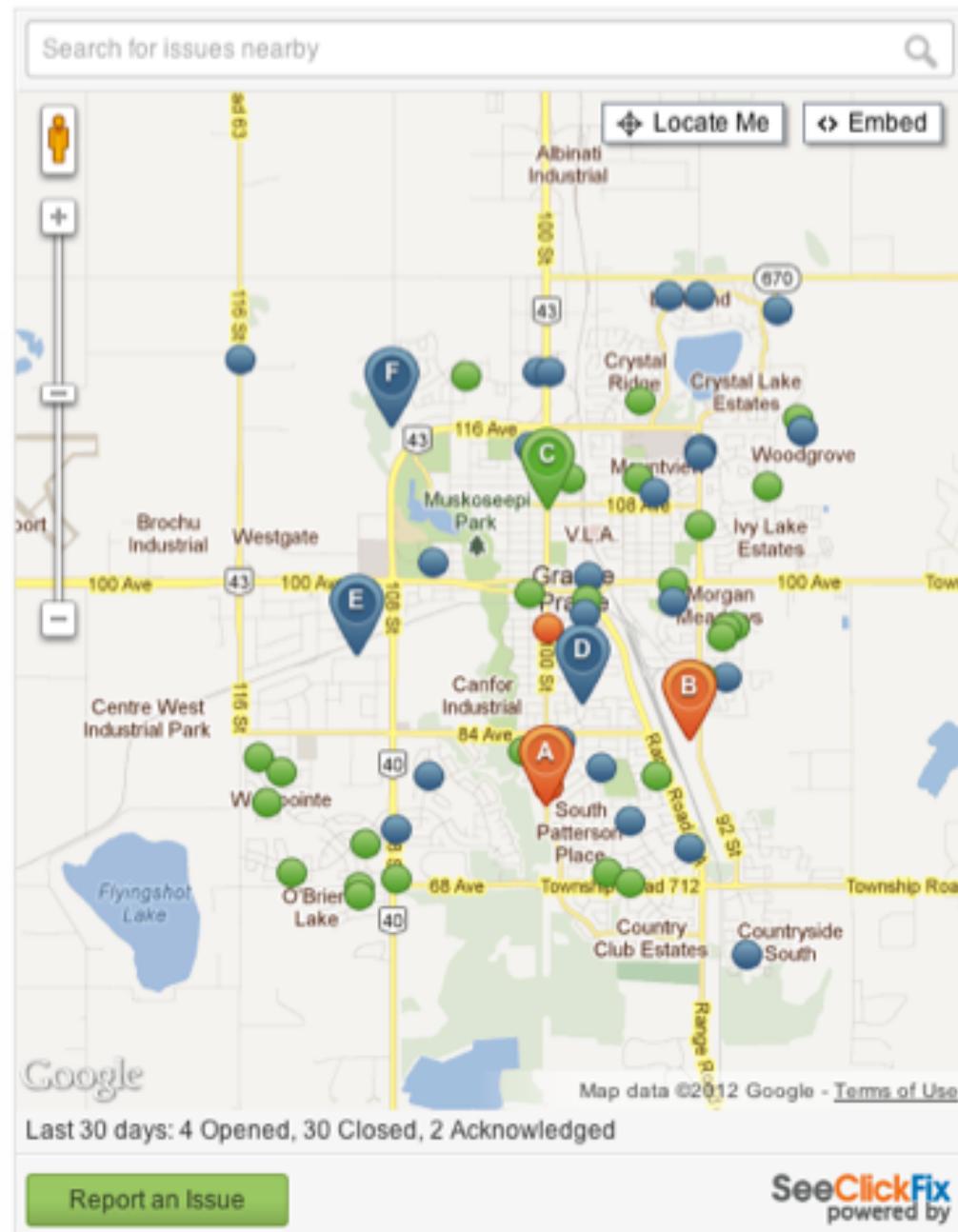
> An issue via SeeClickFix

A Weed or Park Issue

Purchase...

View...

ISSUES	REPORT
	Sort by: Recent Filter
A Median sign knocked down (1) 8038 100 St Grande Prairie, AB <small>about 7 minutes ago · Fix it! · Share</small>	
B Developing pothole (1) 92 Ave Grande Prairie, AB <small>about 11 hours ago · Fix it! · Share</small>	
C Chunk of road missin in turning lane (3) 10050 116 Ave Grande Prairie, AB T8V, Canada <small>about 18 hours ago · Fix it! · Share</small>	
D Flooding in alley (2) 96 Ave Grande Prairie, AB <small>1 day ago · Fix it! · Share</small>	
E Huge Pothole (4) 110 Ave Grande Prairie, AB <small>2 days ago · Fix it! · Share</small>	
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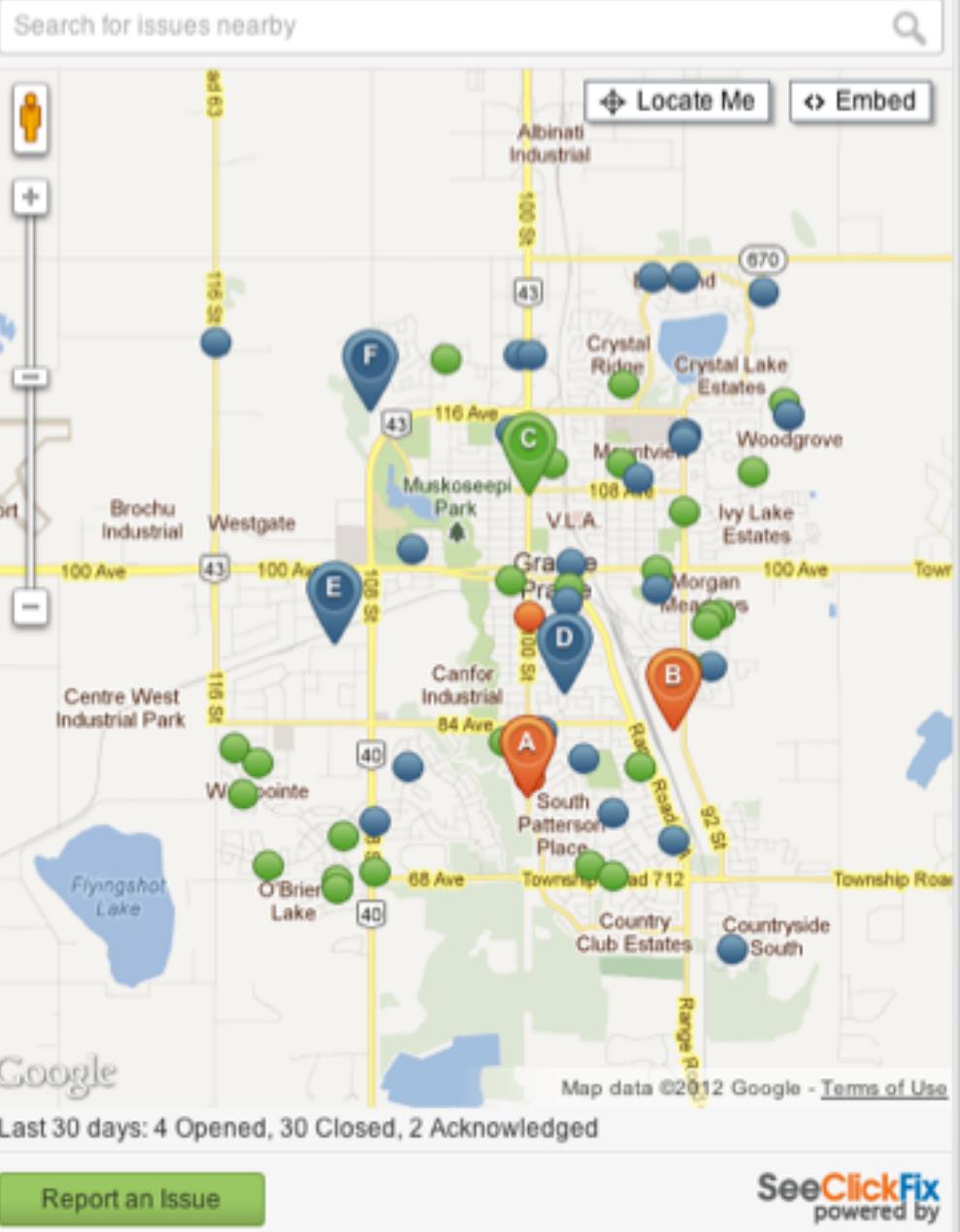
**C Chunk of road missin in turning
lane** (3)
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108 St Grande Prairie, AB
3 days ago · Fix it! · Share

G Advance left turn signal (1)
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resourceful spirit, growing opportunity

Search...

SEARCH

Home About GP

City Government

Residents

Business

Visitors

I Want to...

Browse City Services

Find an Amenity

Take the Bus

Pay a...

Make a ...

Apply for...

Register for...

Locate...

Report...

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[I Want to...](#) > [Report...](#) > An issue via SeeClickFix

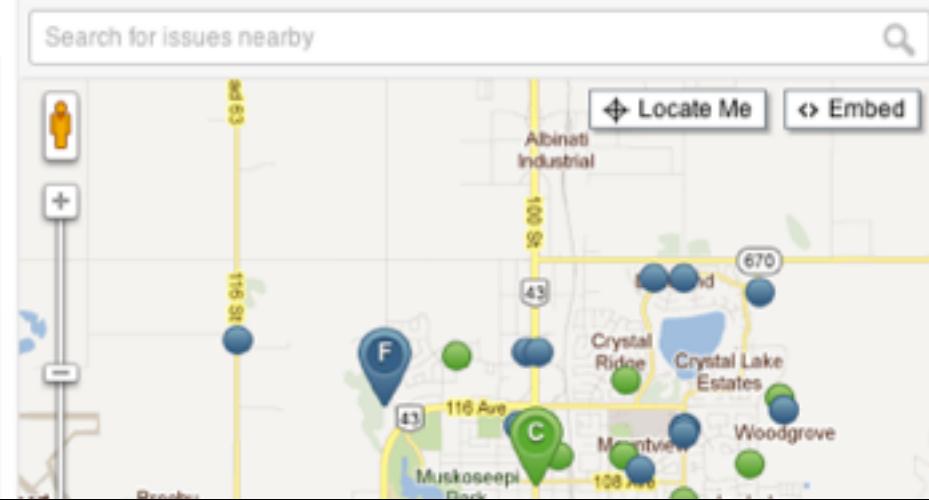
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Help me find ▾

Neighborhood Services

Business Services

Visiting

Government

Online Services

Trash and Recycling

Search for services, locate city offices, more...


[Pickup Schedules](#) [Recycling](#) [Trash Collection](#) [Reduce & Reuse](#) [Composting](#) [Hazardous Waste](#) [Resources](#) [Newsroom](#) [Contact](#)
[Trash and Recycling](#) > [Pickup Schedules](#) > [Your Pickup Schedule](#) >

[Your Pickup Schedule](#)
[Large Item Pickup Schedule \(LIP\)](#)
[Holiday Schedule](#)
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[Trash Cart Overflow Schedule](#)

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[English](#)
[Need help?](#)

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Example: 1437 Bannock St, Denver



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April 23, 2013

CNWFamily: SEIU Healthcare applauds Ontario's homecare announcement <http://t.co/delpN0Czeq> #onpoli #budgettalks

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dsdonadio: RT @SousaCharles: Joined @Kathleen_Wynne @Deb_Matthews @DrEricHoskins to announce new home care investment today #onpoli #budgettalks http:...

April 23, 2013

Recommended for you

Tell us what matters to you

Ontario Budget basics

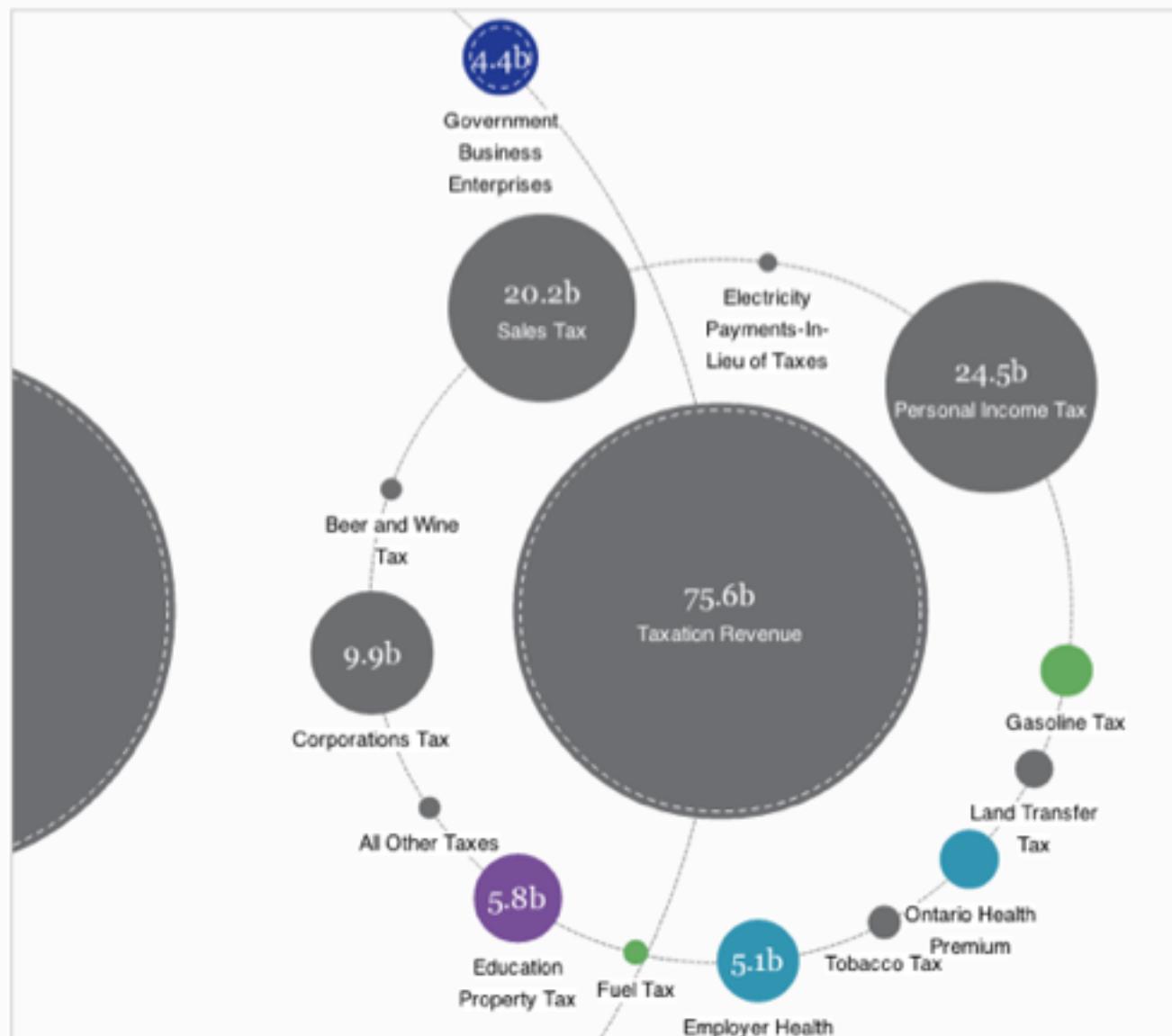
2012 Ontario Budget

Expenditure Estimates

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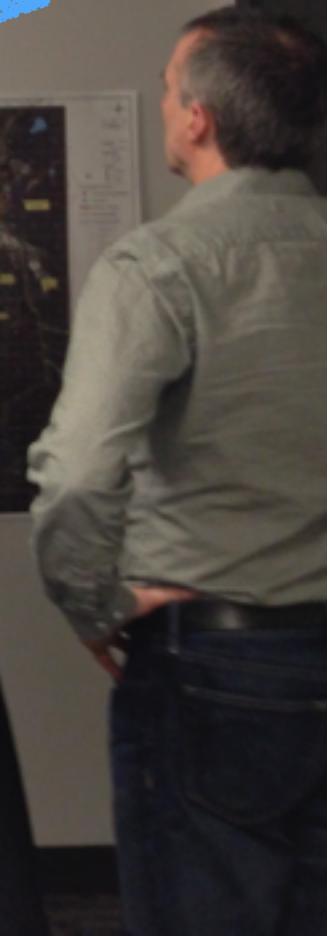
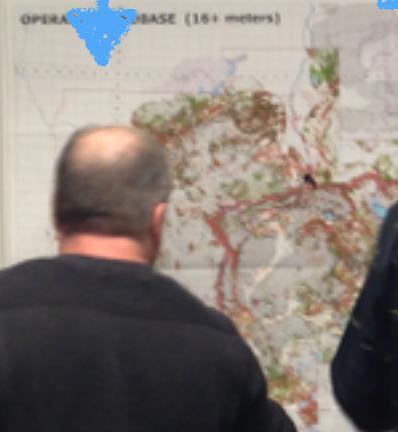
Ontario Budget basics

2012 Ontario Budget

Expenditure Estimates

Environmentalist

Logger



Open Data



**NOT a path to
sustainability**

**we are a cost centre
not a (quantifiable)
value creator**

**Socrata is not an
open data company**

**you are not in an
open data group**

**Open Data Portals
are the McGuffin**



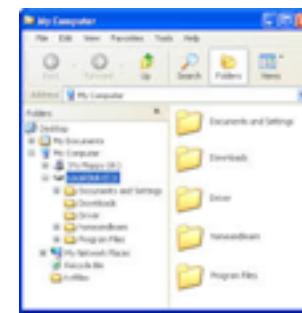
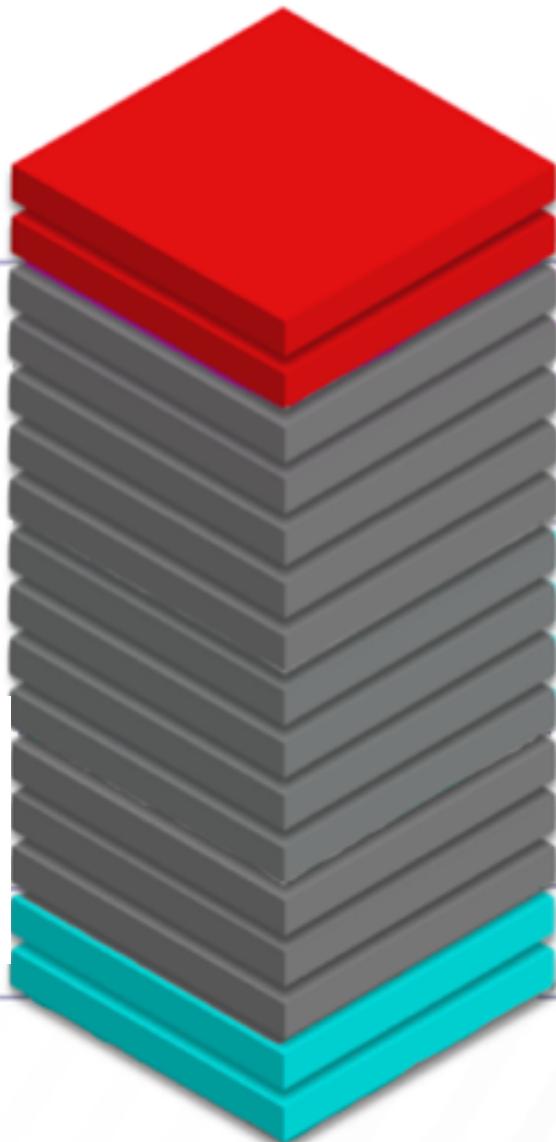
Open is the excuse

We Are
Systems Integrators



FOIA PROCESS
WEBSITE

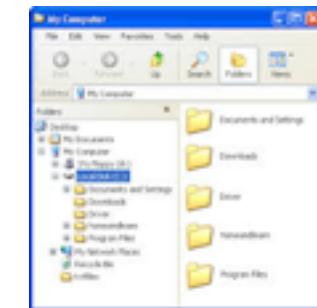
BLACK BOX



ATIP PROCESS
WEBSITE

DISTRIBUTION

BLACK BOX

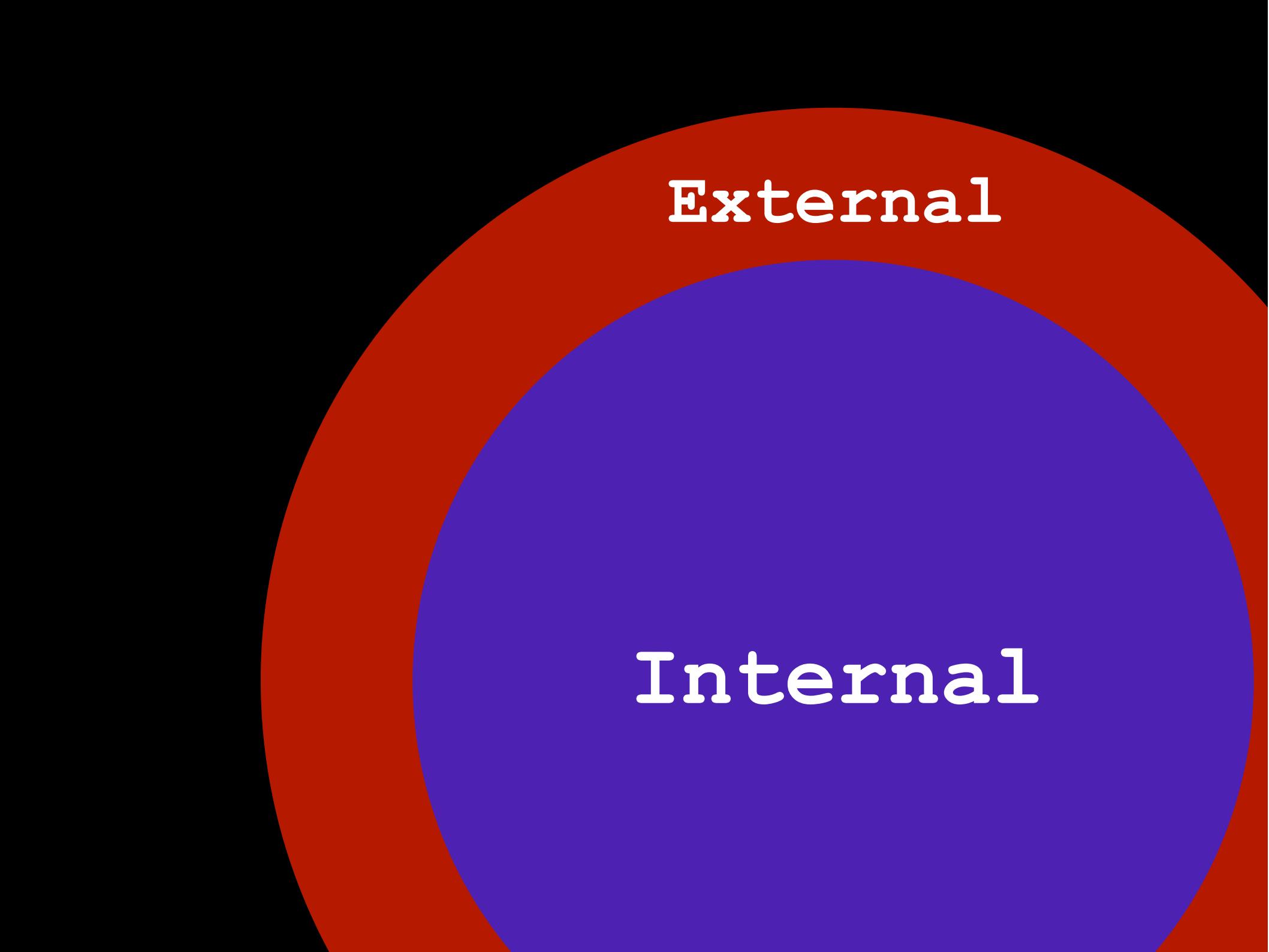


Applications
Analysis
Culture
Values

OPEN BY DEFAULT
EASY TO ACCESS



this is where you
should be in the stack



External

Internal

efficient & effective
government

40% of visitors . . .

it's about . . .

BUSINESS PROCESS

architecture

and

IT systems

architecture

ROI of Open Data:

Internal IP x 5% x 1 hour avg
salary

+

Internal IP x 1% x 5 hour avg
salary (for internal meetings)

+

(unquantifiable) better informed
public policy/services

reasserting control
over vendors



resourceful spirit, growing opportunity

Search...

SEARCH

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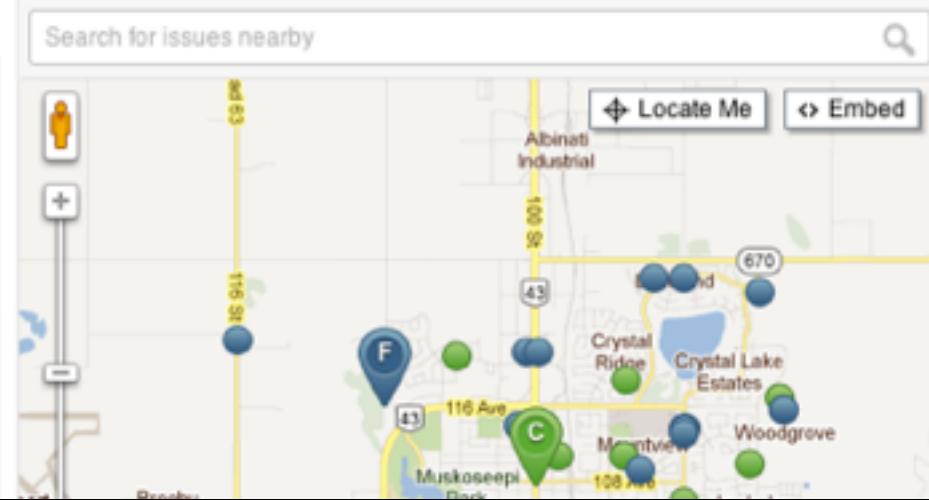
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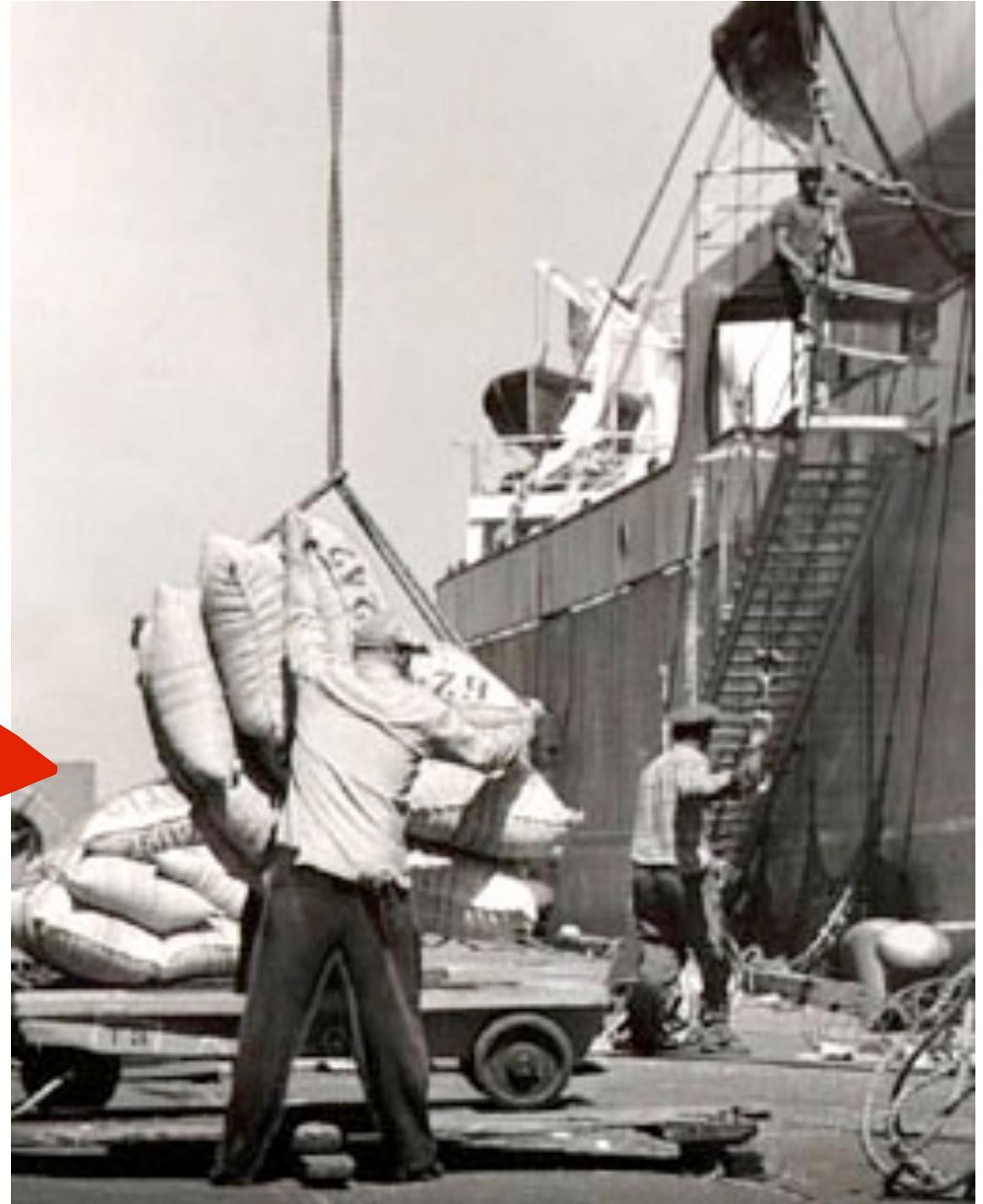
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How does socrata

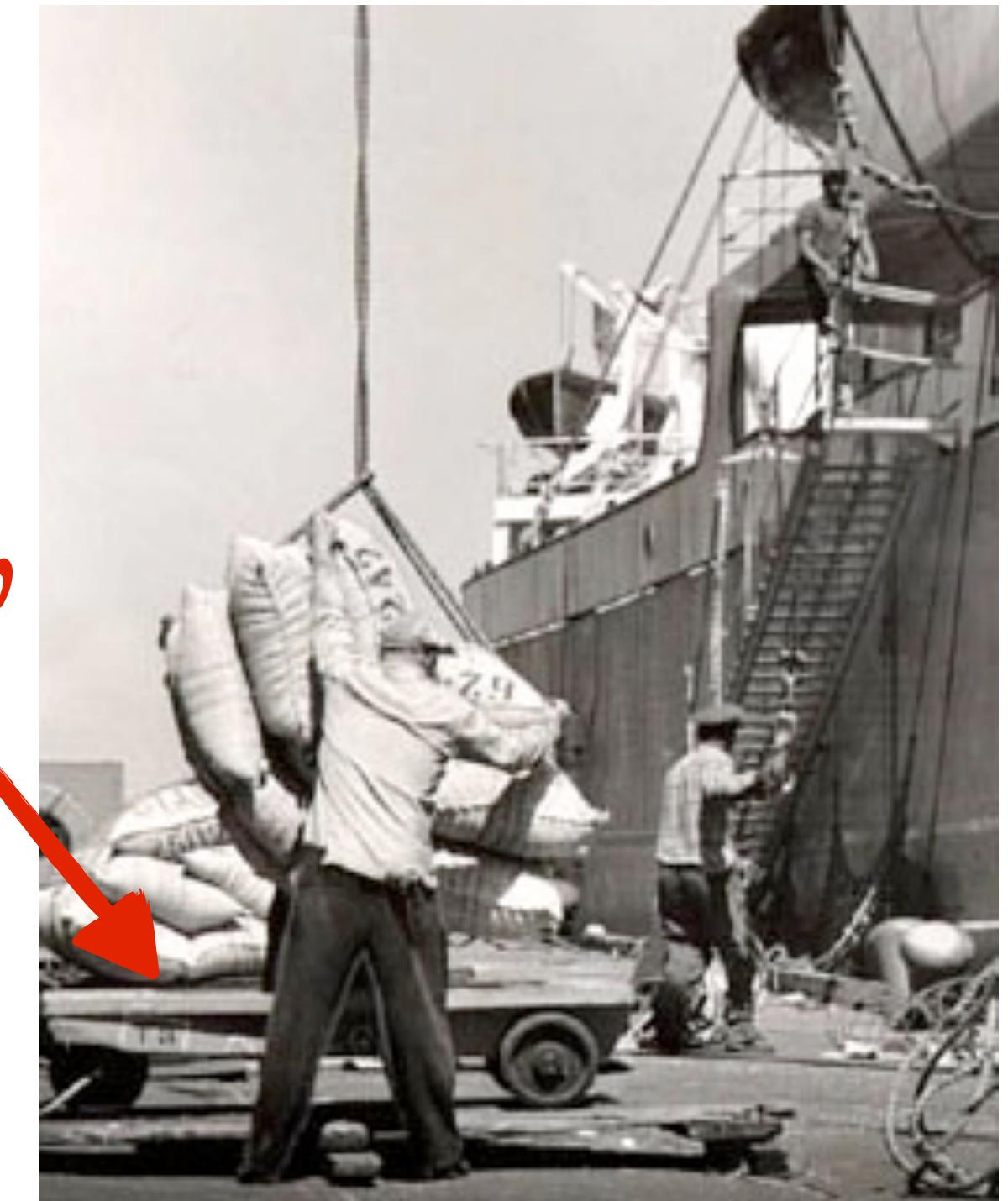
- replace \$10M systems
- make vendors interchangeable
- commoditize systems
- increase flexibility to experiment in house
- allow for more data analytics

We Are
Systems Integrators

You
&
Me



enterprise
systems
“integrator”





Top of stack

Bottom of stack

Content
Distribution

Systems
Integration

On the website

Infrastructure

Pulling

Platform

Checkbox

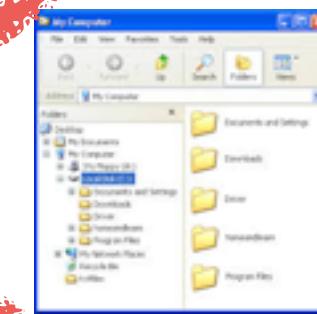
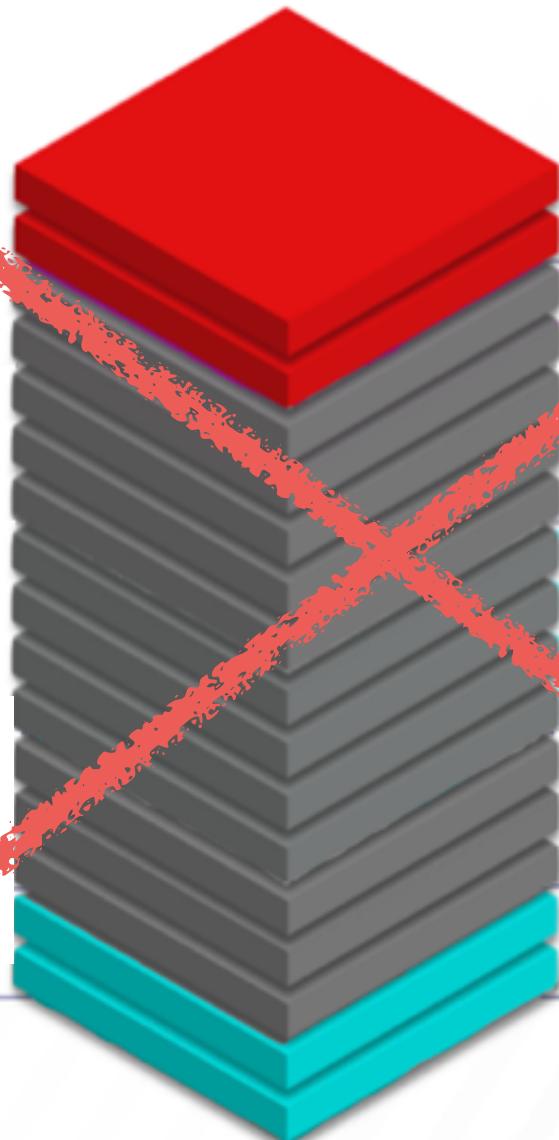
Spec

**Openness is a
byproduct of:**

**good architecture
and
best practices**

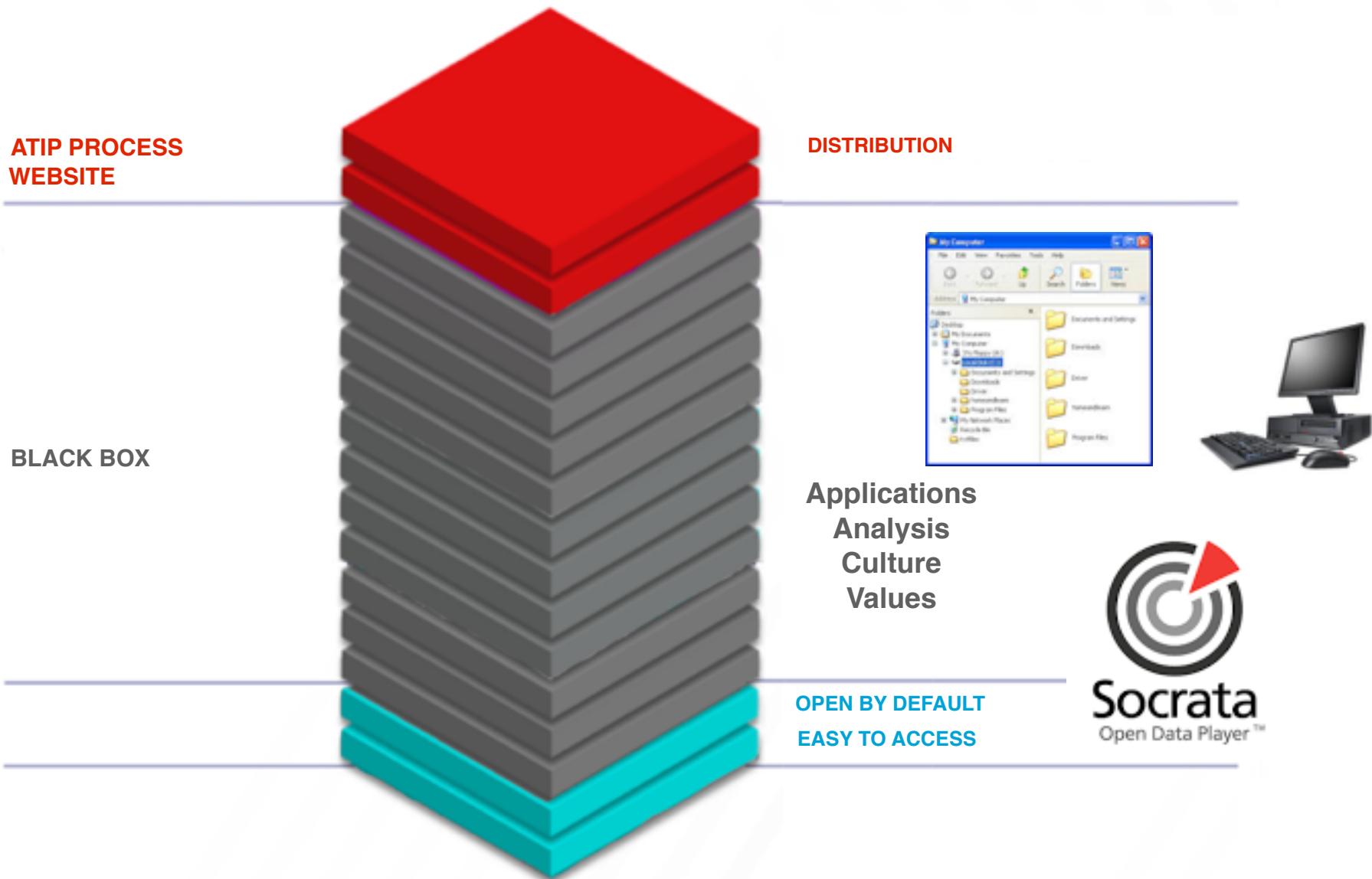
**FOIA PROCESS
WEBSITE**

BLACK BOX



Don't work down

Work Up





@daeaves
david@eaves.ca
www.eaves.ca



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condition that you attribute the work to its
original author.**