Hello Government!



Real-Time Government Analysis

Timothy Hwang | Jonathan Chen | Gerald Yao July 2013

Co-Founders



Tim Hwang, CEO
Princeton University,
Public Policy/Computer
Science









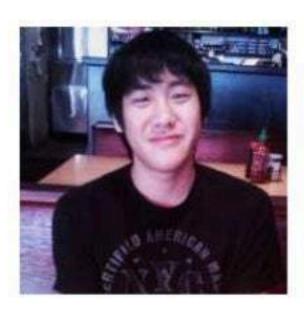




Jonathan Chen, CTO University of Maryland, Computer Science







Gerald Yao, CFO Emory University, Financial Engineering



Team and Advisors



YS Chi, Advisor
* Chairman, Elsevier (Global FN 500)

* President, International Publishers
Association



Chris Lu, Advisor

- * Senior Advisor to President Obama
- * White House Cabinet Secretary
- * Executive Director, Obama Transition Team



JiajunNiu, PhD Machine Learning



Andrew Mackie, PhD Chief Scientist



Dev Shah, Lead Back End



Kareem Hashem, Senior Back End



Dan Maslagag, Lead Front End















Government Information moves markets and affect business decisions.

Newspapers and Lawyers are realizing that their methods are too costly and slow.

Information has fragmented. And no easy way exists to get relevant the information quickly and reliably.

Solution

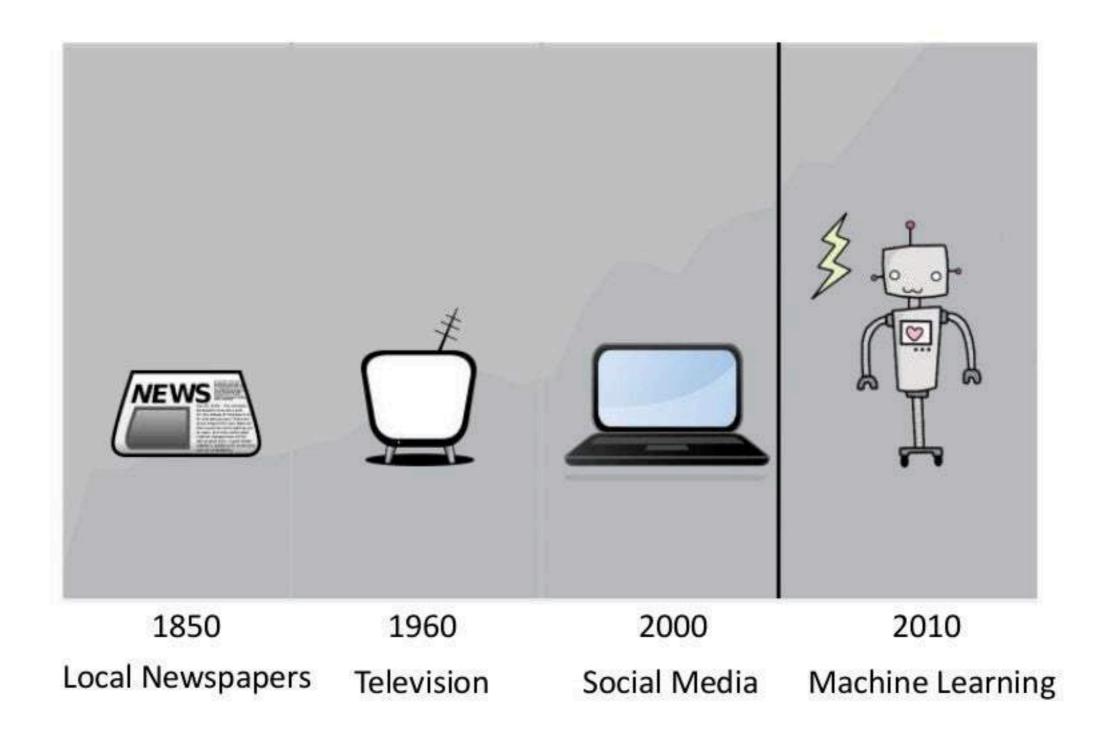
A web platform that aggregates, analyzes, and predicts government information using machine learning and NLP.

REDUCE UNCERTAINTY

REAL-TIME DECISION ANALYSIS

MAKING

The Future of News



PoliticalGenome Project

Building a political graph over the entire world.

Bills

Improves prediction algorithms and allows for comparison across states

Legislators

Allows for comparison of new legislators

Districts

Brings in the actual electoral element of politics

Market Size

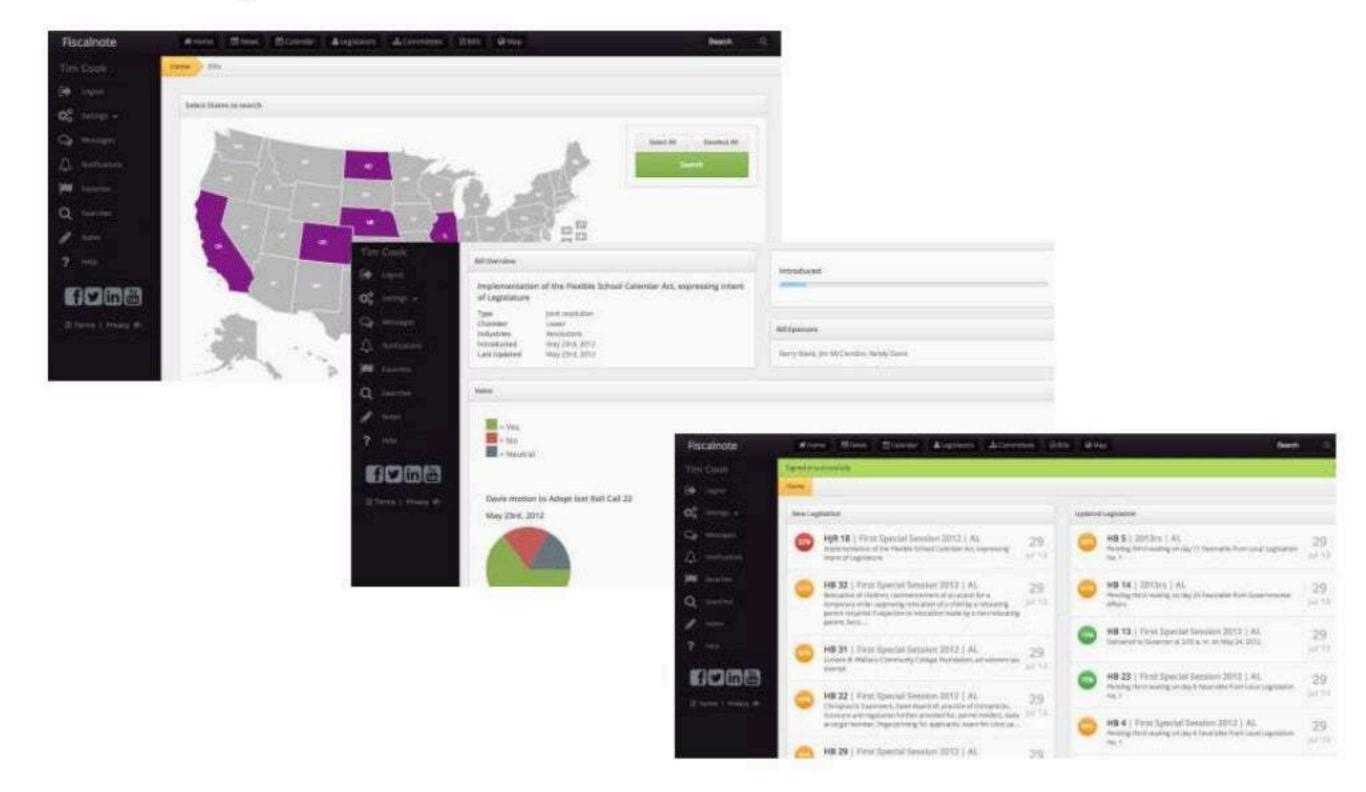
\$30 Billion

Total Spending on Policy Analysis

\$10 Billion

Total Spending on Newspaper Subscriptions

Track Legislation and News → Get Relevant Portions → Predict



Market Adoption

Conventions

West Coast Government Technology Conference

National Conference of State Legislators

Build PR

Early Adopters

Direct Sales

Industries most affected by local/state law (real estate, healthcare)

Financial firms (hedge funds, investment banks)

Consulting groups around compliance

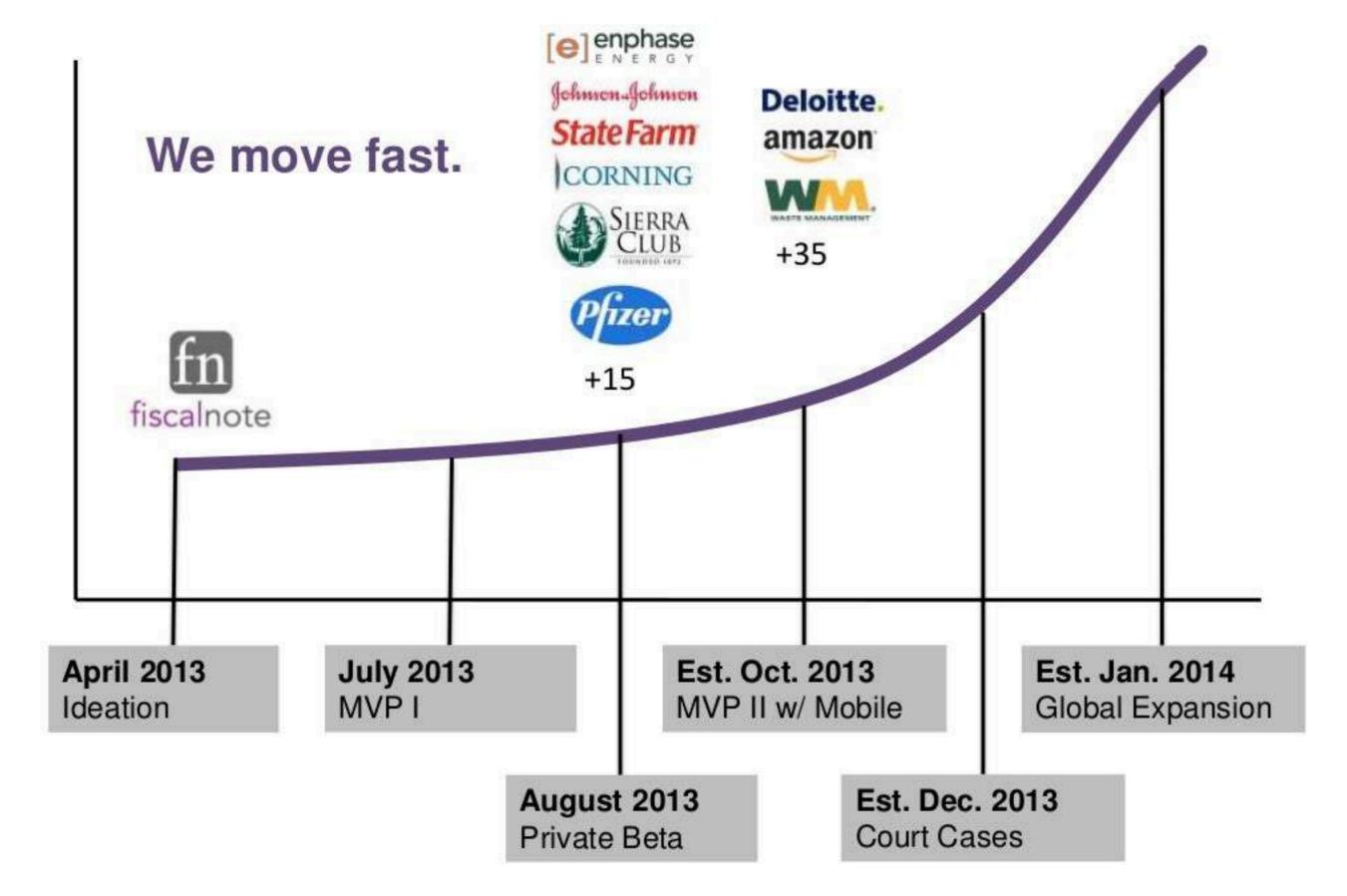
Early Majority

Referrals

National advocacy groups refer to local chapters

Contractors refer to local and state agencies

Late Majority



Business Model

We charge a monthly subscription for each organization.



Competition



Real-time





High Relevance



Low Relevance





Bloomberg

Q Palantir







Competitive Advantages

Proprietary NLP Models First and only company to create legislative and government taxonomy of linguistic NLP models. Proprietary Algorithms Proprietary Scraper Current algorithm scrapes legislation across all 50 states in less than 200 ms (building top 10 cities in US)

"Keeping Up with the Jones'" Phenomenon (Deloitte) Nothing technical or "mathy" – very easy to use for public policy makers. We are currently the only company to apply machine learning to political unstructured data.

Expand Government Verticals

Regulations, court cases, speeches, and procurement

2. Global Expansion

China, European Union, South America (all confirmed with Letters of Intent)

3. Open Data Platform

Third party algorithms (IBM, Accenture, etc) and data visualization partnerships (Socrata, Palantir)

Ask

\$740,000

Convertible Debt

- 1. More Developers for NLP
- 2. Business Development to close 100
- 3. Move Office to DC
- 4. Test Assumptions