LEX MACHINAApplying Big Data to the Law

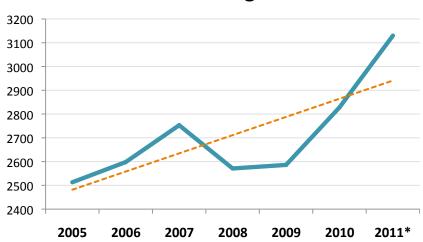
NY Business Data Meetup

Lex Machina highlights

- Based on 5 years and \$5M of research funded by Stanford, Intel, Oracle, SAP, Apple, Cisco, Qualcomm, Genentech, Microsoft, among others
- We utilized many years, \$Ms, and the best CS & legal brains at Stanford to adapt new technology to the law
 - NLP & Machine Learning algorithms
 - Modern search technology
 - Expert data coding
- First beachhead market is IP litigation data & analytics
- Customers today include top tier tech companies & law firms

Need in IP: System drowning in raw data

Patent Case Filings: 2005-2011*



Millions of data facets (2000-present)

- 112,225 IP litigation cases
- 37,449 litigating parties
- 5,820,690 case events

Inconsistent, unreliable & dirty data

- Court data is entered manually
- Arcane legalese prevents automation
- No single repository of data

Corporations are under attack

- Top tech companies have about 100 open cases
- Patent portfolios include tensof thousands of patents

Cases are complex

- Cutting-edge technology
- Multiple defendants
- 2 years to trial
- Intricate statutory framework

Judicial system is unpredictable

- 500+ district court judges
- 94 districts in 11 circuits
- Case law is constantly evolving



LMI tech refines legal data & makes it actionable

CAPTURE

Comprehensive & Timely
Data Collection

- Daily crawl s of 100+ public
 & government data sources
- Frequent downloads of material court documents

CLEAN, CODE, TAG

Proprietary Data Organization, Classification & Coding

- Customized OCR & NLP algorithms
- Proprietary data classification language & technology
- Expert outcome coding

DELIVER

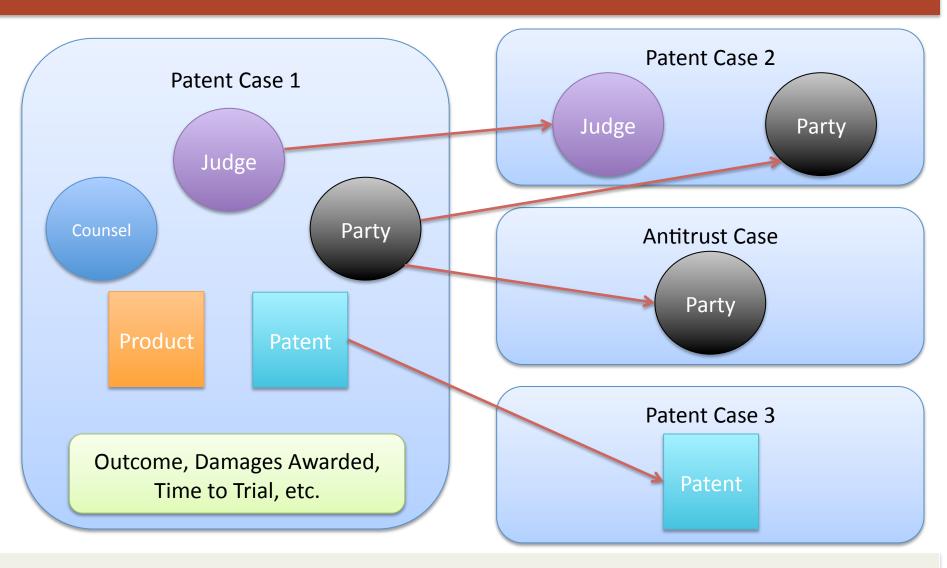
Concise & Actionable Information

- SaaS Data Service
- Data Feeds
- Packaged Solutions/ Reports
- Corporate Dashboards
- Attorney Pitch Product
- Insurance Risk Modeling
- IP Valuation Tools

Market needs for actionable legal data

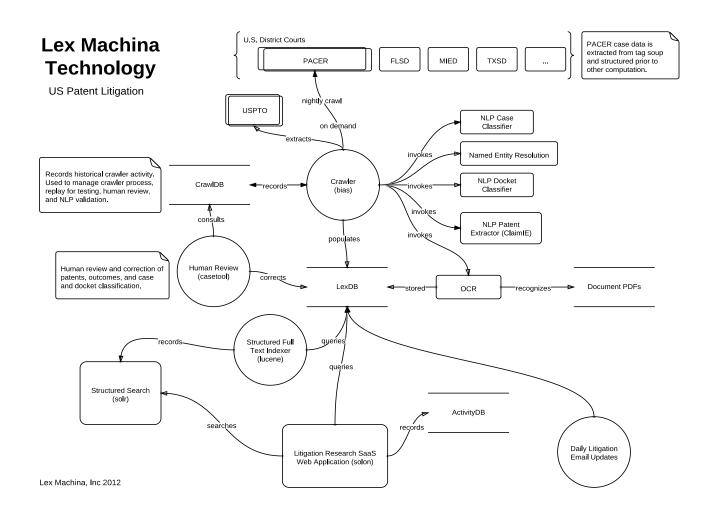
Law Firm	Corporate	Financial
Get the Case \$M in revenue	Avoid Litigation \$Ms in savings	Model Risk patent lit insurance
Win the Case repeat business	Decide Strategy GC, Board & CFO decisions	Predict Outcomes hedge funds investing in lit

Big Picture: Mapping Litigation



LEX MACHINA

The Technology: Big Data for the Law

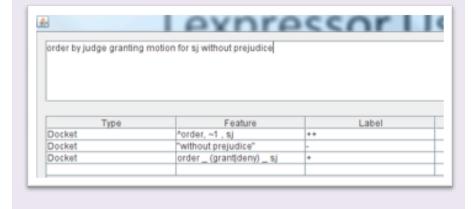




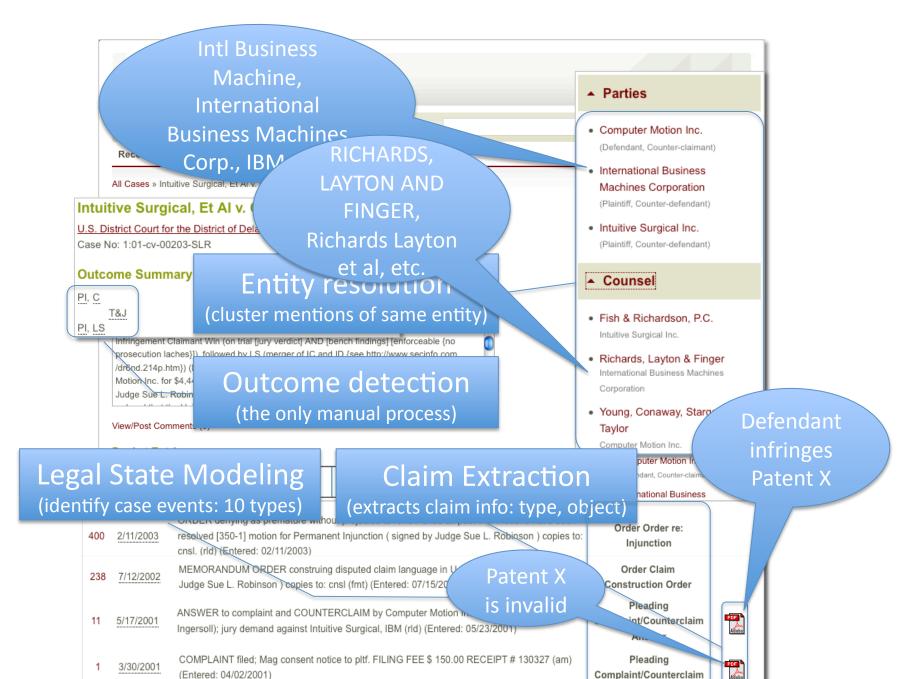
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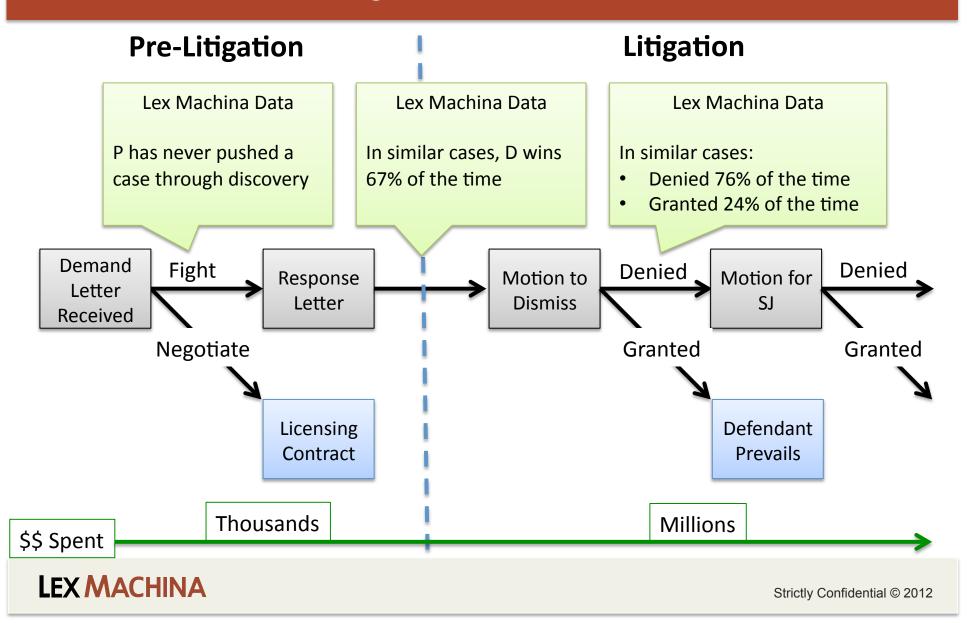
A proprietary language and tool-set designed for classifying legal text and extracting key case events.



- Improve current data extraction processes for current product offerings
- Make data extraction processes more efficient and flexible when entering new markets
- Enhance data offering by extracting patent outcomes, accused products, damages, and injunction data



A Data Driven Legal Decision Tree



Appendix



Predictive Modeling: Filing & Outcome Prediction

