

Perspectives on Legal Tech from Silicon Valley



Shuo Chen

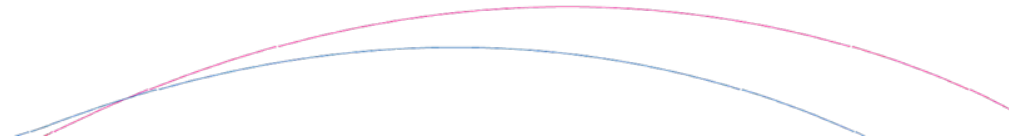
March 2021



Singularity
UNIVERSITY



Let's play a game!





quickdraw.withgoogle.com



Quick, Draw!

https://quickdraw.withgoogle.com

Drawing 1/6

Draw
palm tree
in under 20 seconds

Got It!



1. Why
2. What
3. How





1. **Why**
2. **What**
3. **How**



Why

Media



MORE THAN 100,000 LEGAL ROLES TO
BECOME AUTOMATED

March 15, 2016



THE ASSOCIATED PRESS WILL USE
AUTOMATED WRITING TO COVER THE
MINOR LEAGUES

June 30, 2016

Poynter.

THE FUTURE OF FINANCE: MORE
DATA, FEWER PEOPLE

May 2, 2017

**Institutional
Investor**

YOUR NEXT JOB INTERVIEW COULD BE
WITH A RECRUITER BOT

May 16, 2017



AUTOMATION, AI, AND THE FUTURE OF
AUDIT AND COMPLIANCE

May 22, 2017

COMPLIANCE WEEK

@cbinsights

@cbinsights

Why Stats



LAW FIRM AUTOMATION



A whopping 69% of attorneys spend too much time on administrative tasks. Attorneys can get back this time by automating certain aspects of their jobs. In fact, 23% of a lawyer's job can be automated with existing technology! Still not convinced? Here are some eye-opening facts that should encourage you to start automating certain aspects of your firm:



INBOUND CALLS

By 2019, a predicted
**162
BILLION
CALLS**
to businesses will
be made using
smartphones.



74%
of customers say
that if they have a
poor phone
experience with one
business they are
likely to choose
another one.

DOCUMENT ASSEMBLY

Only
34%
of lawyers use
document assembly
software.



Automated document assembly
systems can cut administrative
time by
50%
on average.

TIME TRACKING



Lawyers spend
**2-4
HOURS**
per week doing
manual time entry.

Lawyers can lose
up to
**15
HOURS**
of billable time
per month due to
poor timekeeping.



CALENDARING

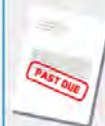
7%
of all legal malpractice
claims are due to not
knowing or incorrectly
interpreting a deadline.



5%
of all legal malpractice
claims stem from failure to
properly calendar dates.

BILLING & PAYMENTS

Law firms
collect only
71%
of the work they
perform.



On average,
39%
of all law firms'
clients have
balances that are
past due.

AUTOMATION SOLUTIONS:

Of all communication channels, the phone call is still the preferred method customers choose to communicate with businesses. Invest in a virtual receptionist like Ruby or Smith.ai. They will ensure each of your callers receive a warm greeting and reach the right people. They can also route callers to voicemail, take messages, and much more!

All-encompassing legal practice management software such as Rocket Matter will enable you to create documents with just a few clicks. Take pre-existing and custom fields and automatically generate a document that you can use again and again. Any document that you would normally generate more than once is perfect for automation. You'll save yourself hours of administrative time!

Stop losing out on precious billable time! How? Use a conversational time-tracking assistant like Tall. You can use your voice to track time throughout your day using any device powered by Amazon Alexa or Google Assistant (including your smartphone.) You can then sync to your legal practice management software (such as Rocket Matter) with the click of a button, saving you time and lots of aggravation.

Avoid missed deadlines (and malpractice suits!) by combining your legal practice software with a court rules calendaring solution such as LawToolBox. You'll be able to generate your court deadlines instantly, share calendar dates with your entire team, and have dates automatically update if something changes. You'll minimize risks and also qualify for the maximum discounts in malpractice insurance!

Start by accepting credit cards and offering alternative fee arrangements such as payment plans and recurring billing. With payment plans, lawyers can set an amount for an invoice and charge clients on a monthly basis until the balance is paid off. With recurring billing, clients pay a set amount of money every month to handle normal interactions. This ensures a steady cash flow to your firm.

Why

Research



1/3



of all current jobs in legal departments will be automated by 2025

Garner 2019

63%



of in-house legal work is repeatable, fact-based decisions that involve no subjective judgment or interpretation

2%



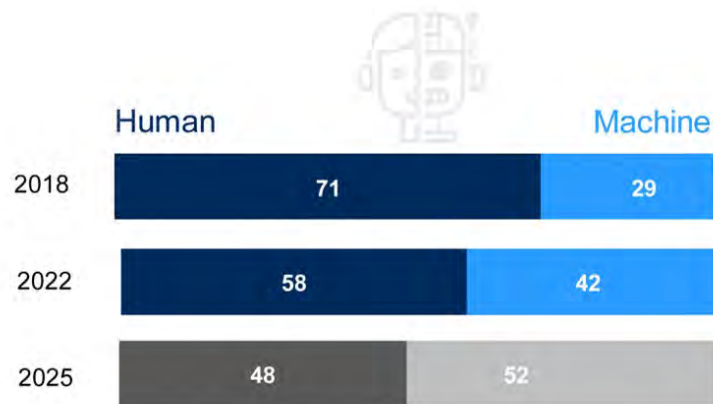
of current legal department budgets are spent on technology

Why Research



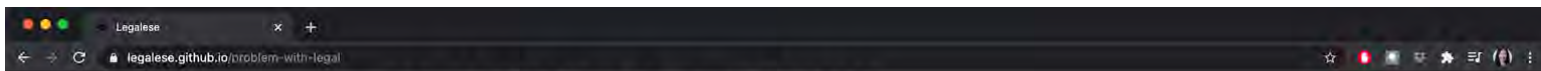
Rate of automation

Division of labour as share of hours spent (%)



Source: Future of Jobs Report 2018, World Economic Forum

Why Problems



Part I. The Problem with Legal

The status quo sucks

([tell us](#) if you've got something to add)

Just on *commas* alone [Oxford comma determines labor dispute](#) // [Comma that costs a million \(Canadian\) dollars](#) // [Missing comma gets woman out of parking ticket](#) // In 1872, [one misplaced comma](#) cost American taxpayers \$2 million (\$38,350,000 in today's dollars) // [\\$4M action](#) resting on an oxford comma // [Commas in wills](#) that have landed families in court // [How a comma gave Americans the right to own guns](#) // [Porn sentence upheld on a comma](#) // Attorney allowed to [bill more](#) because of an oxford comma // [Typo costs basketball coach \\$379,000](#)

Broken law in other guises [British MPs can't resign](#) (therefore given [unpaid job with no actual responsibilities](#) instead) // Will voided due to [numerically challenged chief justice](#) // Clerical error, so [inmate freed 90 years early](#) // [County judge's \(incorrect\) insistence on procedure](#) led to reversal of conviction // JP Morgan to live with lawyers' [\\$1.5B paperwork error](#) // Ownership of LA Dodgers rests on [conflicting 'final' drafts in divorce papers](#) // [Motion denied for being "incomprehensible"](#), with footnote quoting *Billy Madison*: "*Mr Madison, what you've just said is one of the most insanely idiotic things I've ever heard. At no point in your rambling, incoherent response was there anything that could even be considered a rational thought. Everyone in this room is now dumber for having listened to it. I award you no points, and may God have mercy on your soul*" // 1966 federal government publication, [Gobbledygook Has Gotta Go](#): "*the flossy, pompous, abstract, complex, jargonistic gobbledygook that passes for communications in government "has gotta go!" It's too out-of-date to renovate; it's too expensive to tolerate*" // [Punished for dishonest verbosity](#), attorneys tried to make 70-page brief fit into a 50-page limit by reducing font sizing and line spacing (fined \$1000 with explicit instructions that they could not pass the fine along to their client) // [Uninstall please?](#), motion "*riddled with unprofessional grammatical and typographical errors that nearly render the entire [motion] incomprehensible*". Florida judge ordered lawyer to re-read civil procedure text in entirety and for attorney to "*personally hand deliver a copy*" of the court's order along with a marked-up copy of the motion to the client

The law firm business model is... ["risking obsolescence"](#) // ["struggling"](#) // ["rigged to fail"](#) // ["dying"](#) // ["broken"](#) // ["all wrong"](#) // ["stumbling"](#) // ["in a death spiral"](#) // ["trapped in 1995"](#)

Everybody now! [The "Quiet Crisis" in Legal](#) // [The Lawyer, the Addict](#) // [The end of lawyers?](#) // Contract lawyers are ["copy and paste monkeys"](#) // [ABA's report](#) on the Future of Legal Services in the US that was (deliciously snarkily) called [toothless](#) by LegalZoom's Eddie Hartman // The ABA writes about automation and the legal profession: in 2015, and then similarly [6 months later](#) // [How automation is changing legal work](#) but the NYT says [not yet](#) // [Lawyerine](#), so broken that it's the only job with an

Business Development / Marketplaces



Litigation Funding



Legal Education



E-discovery



Legal Tech Startup Landscape



Practice Management



Legal Research



Case Mgmt / Analytics



Document Automation



Contract Management / Analysis



Consumer



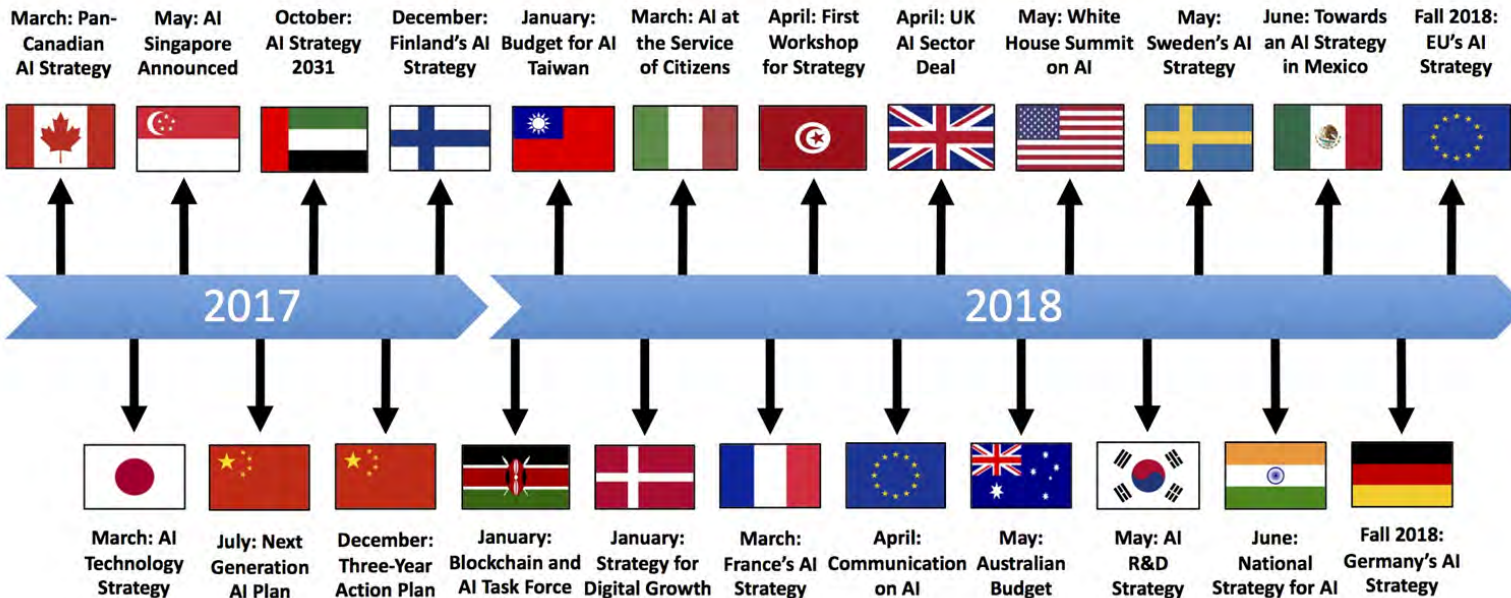
Online Dispute Resolution



Why Countries



Artificial Intelligence Strategies





contalegraph.com/news/indian-government-forecasts-national-blockchain-strategy

By Ana Alexandre NOV 27, 2019 EDITOR'S CHOICE

Indian Government to Issue National Blockchain Strategy

NY Governor Wants Crypto Firms to Cover Costs for NYDFS Oversight

Interpol Collaborates With Cybersecurity Firm to Tackle Cryptojacking

Germany releases official blockchain strategy

ledgerinsights.com/germany-official-blockchain-strategy/

Ledger Insights
Empowering the blockchain ecosystem

News Industries Technology Management & legal Blockchain basics

4456 Total views 176 Total shares

House Bill Outlines Path to US Blockchain Strategy

f t g+ in

coindesk.com/iret-guilty-emerging-technologies-blockchain-strategy

coindesk

NEWS LEARN TV VIDEOS PODCASTS RESEARCH EVENTS

Bitcoin 24h \$46,484.00 +18.28%

Ethereum 24h \$1,767.24 +7.39%

XRP 24h \$0.464032 +5.61%

Stellar 24h \$0.393836 +15.5%

Chainlink 24h \$25.77 +2.81%

TOP ASSETS

US Lawmaker Proposes Legislative Groundwork for National Blockchain Strategy

"The ongoing coronavirus pandemic has 'forced' Congress to 're-evaluate' its approach to technology," said Rep. Brett Guthrie, Co-chair of the House Committee on Oversight and Reform.

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Topics

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FINTECH GLOBAL FORUM

FINTECH 42 MARCH 4-6 2020

ledgerinsights.com/australia-launches-national-blockchain-strategy

Ledger Insights
Empowering the blockchain ecosystem

Australia to launch National Blockchain Strategy

WULA ONE'S MOST

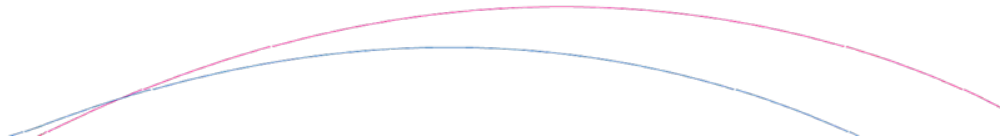
TEAMS

o-enabled browser?

Articles on Forbes with crypto

by using Ether

See why millions of investors are choosing Vanguard's industry-leading ETFs





Texas lawyer trapped by cat filter on Zoom call, informs judge he is not a cat



- **Lawyer Rod Ponton unable to undo filter during court debate**
- **'I don't know how to remove it ... I'm here live. I'm not a cat'**



▲ 'I'm here live, I'm not a cat': lawyer appears with kitten filter in Zoom court - video

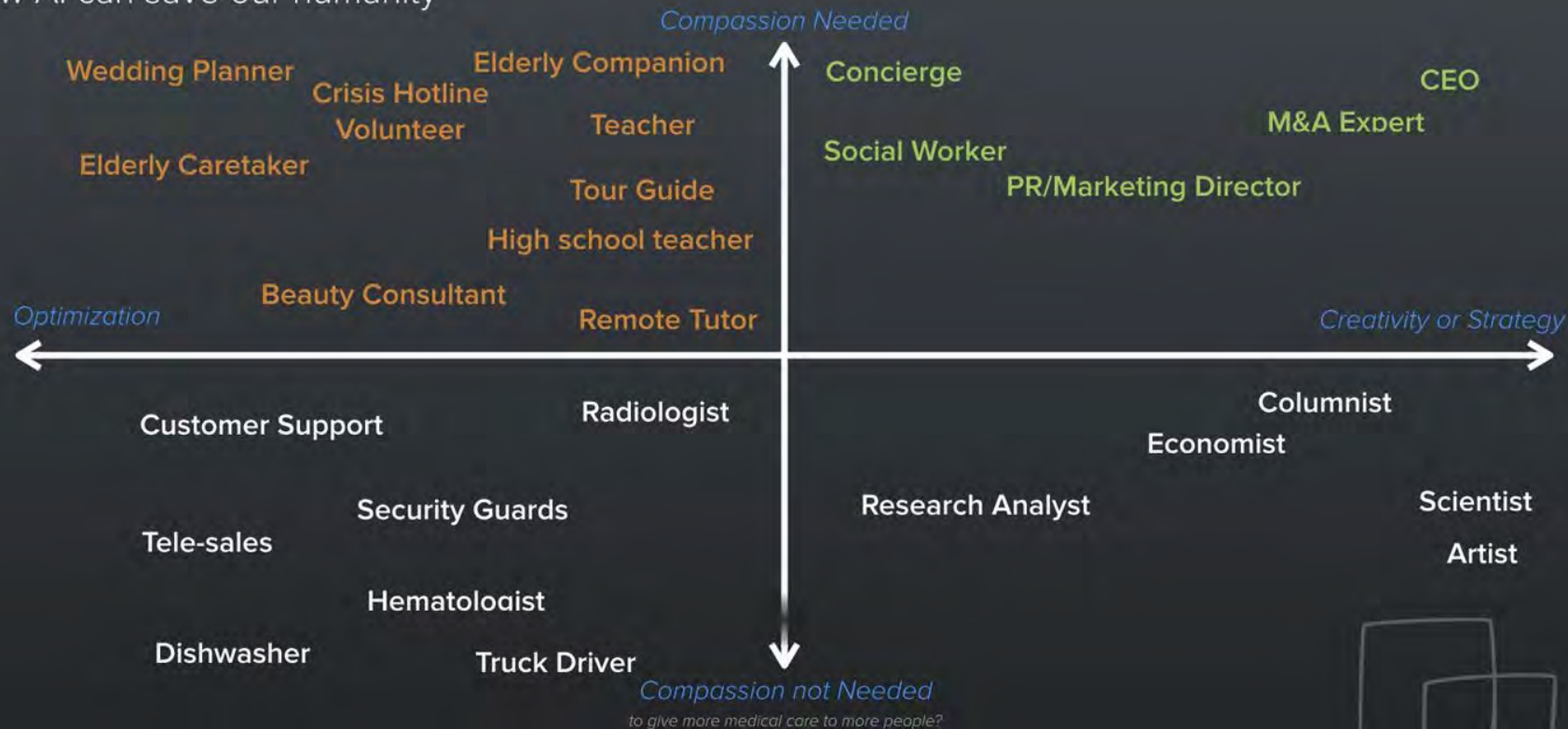


Impact



The New Jobs

How AI can save our humanity

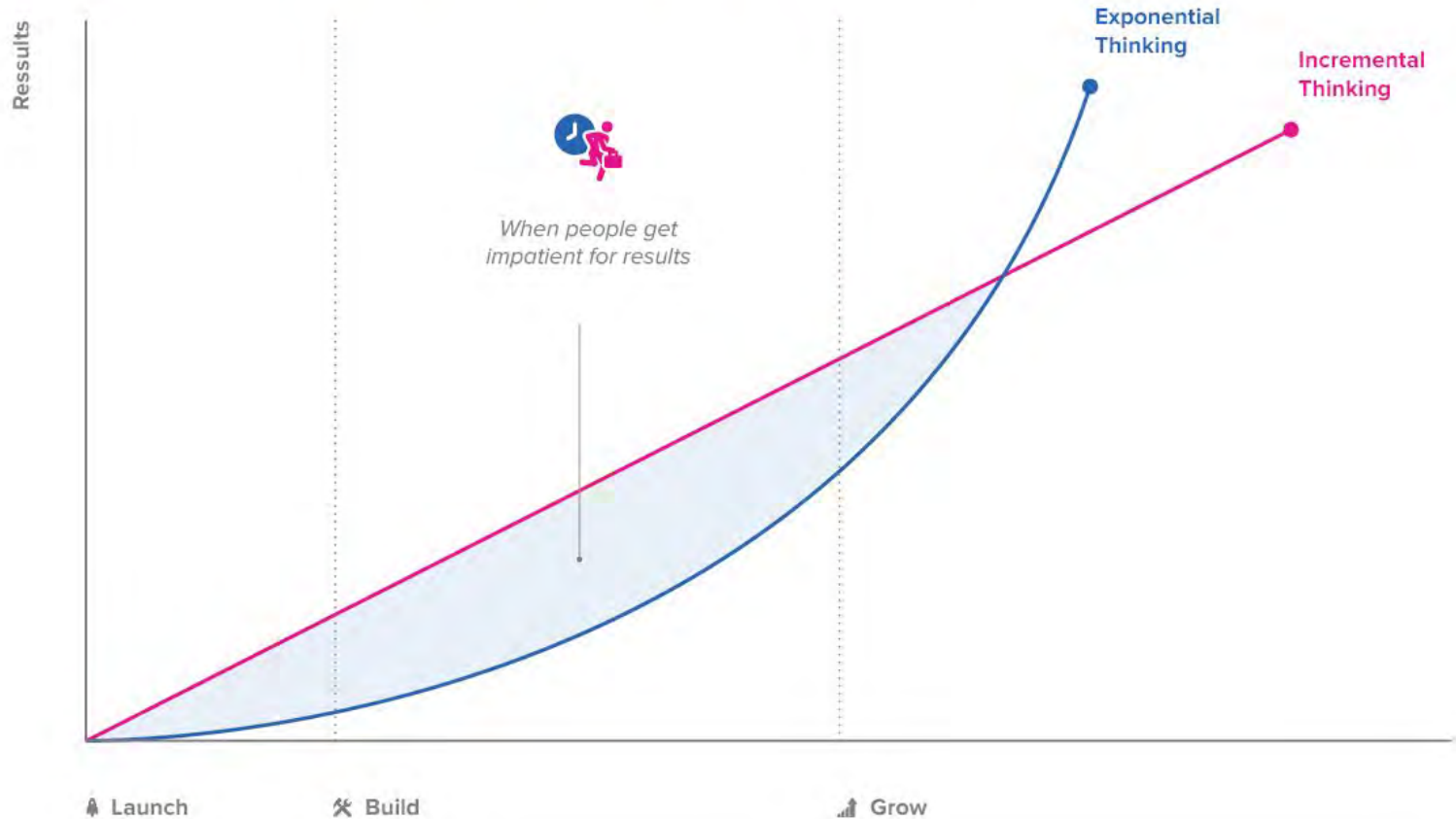




1. **Why**
2. **What**
3. **How**



INCREMENTAL VS EXPONENTIAL THINKING



What



Expectations

**Peak of Inflated
Expectations**

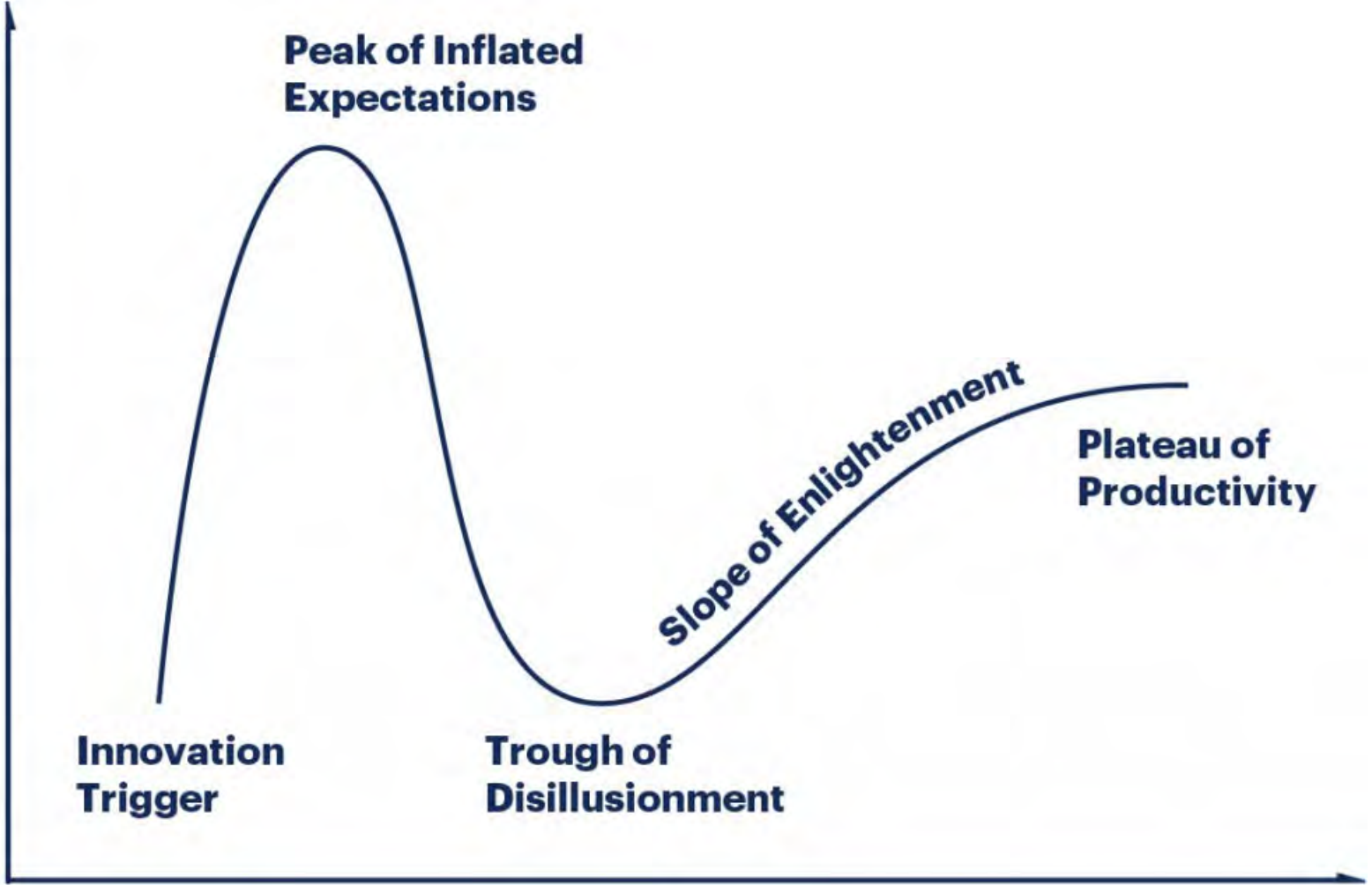
Slope of Enlightenment

**Plateau of
Productivity**

**Innovation
Trigger**

**Trough of
Disillusionment**

Time



What



Hype Cycle for Emerging Technologies, 2020



gartner.com/SmarterWithGartner

Source: Gartner
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Gartner

What



Hype Cycle for Legal and Compliance Technologies, 2020



gartner.com/SmarterWithGartner

Source: Gartner
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Discover Legal Technology

Explore a curated list of 1742 companies changing the way legal is done.

Analytics

SEE COMPANIES

Compliance

SEE COMPANIES

Document Automation

SEE COMPANIES

Analytics

SEE COMPANIES

Compliance

SEE COMPANIES

Document Automation

SEE COMPANIES

Legal Education

SEE COMPANIES

Legal Research

SEE COMPANIES

Marketplace

SEE COMPANIES

Online Dispute Resolution

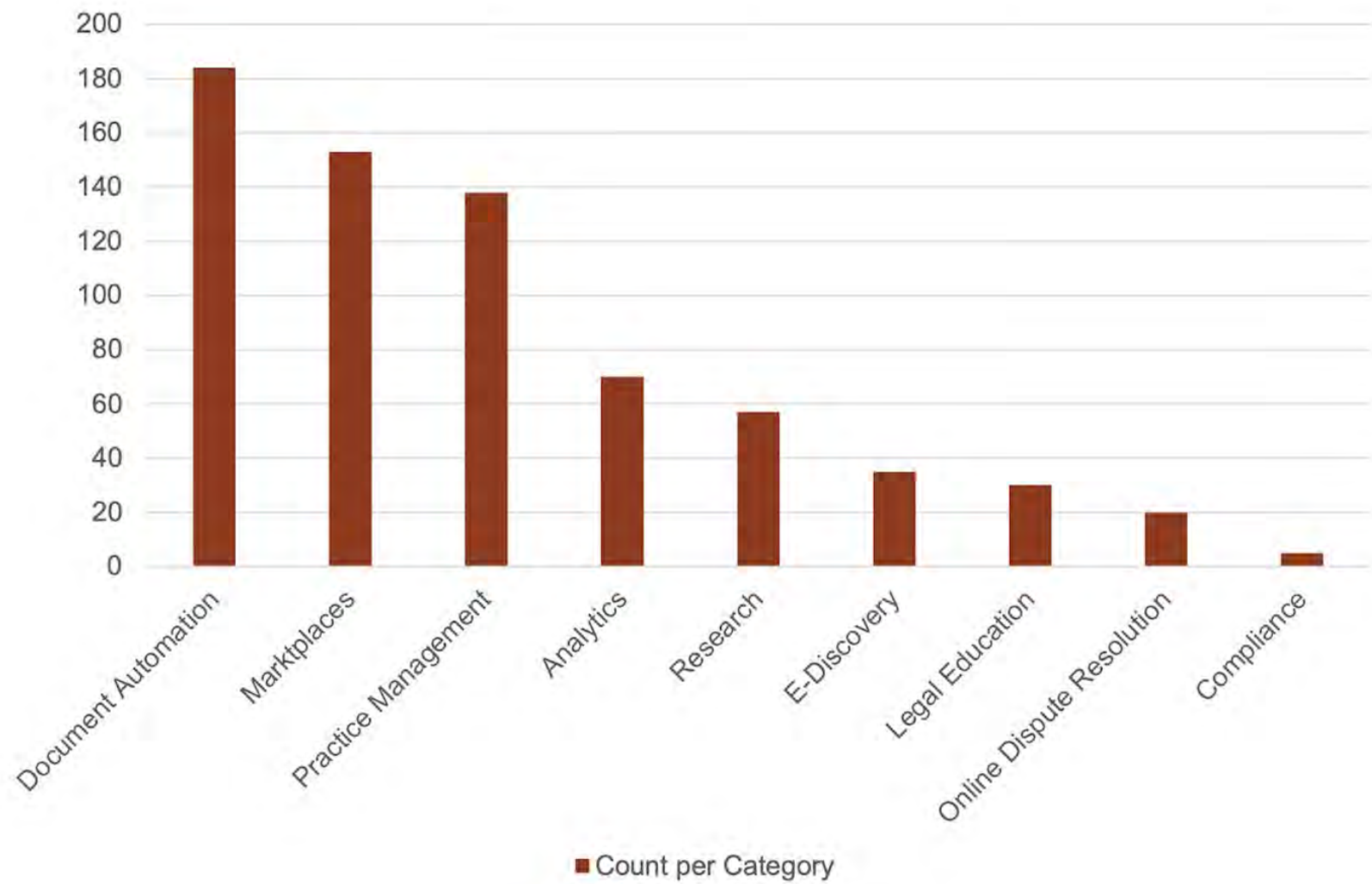
SEE COMPANIES

Practice Management

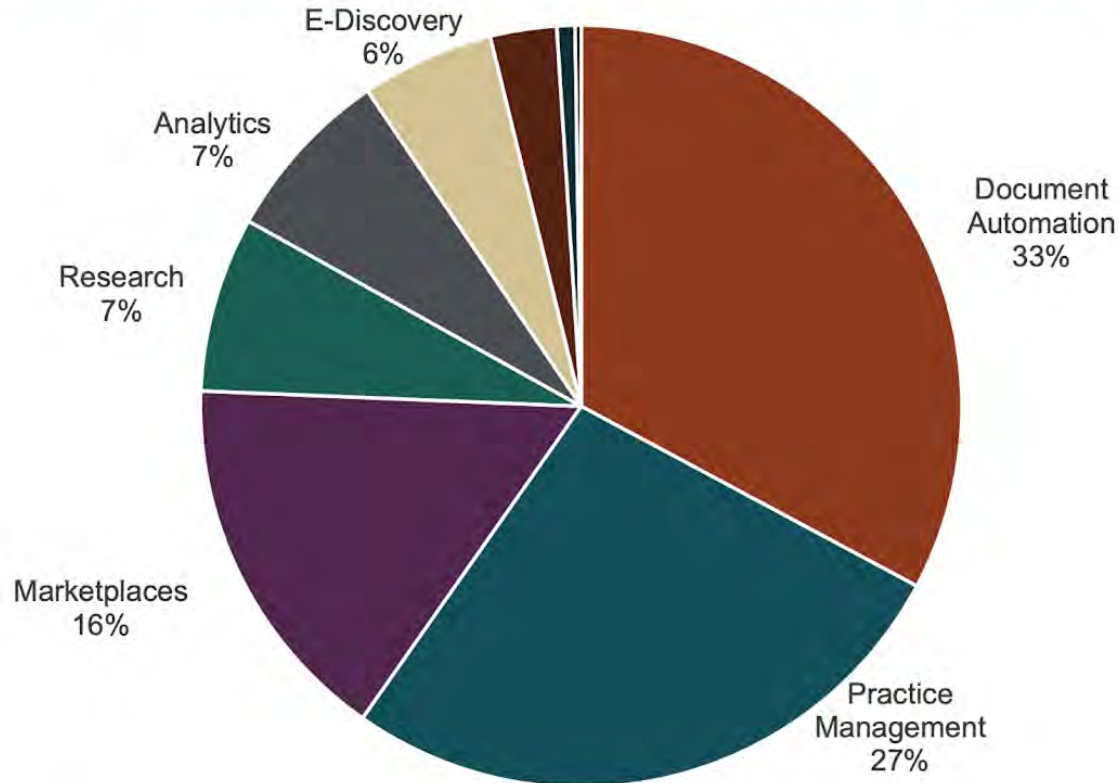
SEE COMPANIES

eDiscovery

SEE COMPANIES



Fundraising: Over \$2.5B raised in more than 450 deals



- Document Automation
- Practice Management
- Marketplaces
- Research
- Analytics
- E-Discovery
- Online Dispute Resolution
- Compliance
- Education

Categories

- Analytics
- Compliance
- Document Automation
- Legal Education
- Legal Research
- Marketplace
- Online Dispute Resolution
- Practice Management
- eDiscovery

Target Audience

- Individuals
- Companies
- Government
- Service Providers

Tags

- practicemanagement (1)
- conflict management (1)
- data integration (3)
- topic classification (1)
- verification (1)
- trademark (1)
- legaltch bigdata (1)
- employment (2)
- paas (2)
- accounting (15)
- medical records (1)
- digital law firm (1)
- communications infrastructure (2)
- xsud (1)
- criminal (1)
- authentication (1)
- икс-суд (1)
- data compliance (1)
- information (3)
- compliance (29)

Companies

Submit a New Company

LegalRisk.io

Analysis

DataNovo, Inc.

Analytics

IPStreet

Analytics

Bilir

SaaS, LegalTech

Contractlytics

Contract analytics

Obvious

Patent family graph.

Wolony Digital Marketing

Wolony Digital Marketing



Startup Directory

Discover YC companies by batch, industry, region, and company size. To see demographic data on our batches, check out [our blog](#).

You can also see YC's top companies and pages for underrepresented founders here:

- [YC top companies](#)
- [Black-founded companies](#)
- [Latinx-founded companies](#)
- [Women-founded companies](#)

- Top Companies 2
- Is Hiring 7
- Nonprofit

Batch

- All batches
- W21
- S20 1
- W20
- S19 2
- W19
- S18
- W18




[See all options](#)

Industry

- All industries
- B2B Software and Services 6
- Education
- Consumer 2
- Healthcare 1

 X

Showing 12 of 12 companies

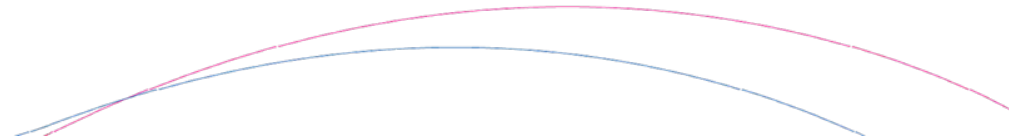
-  **Legalist** San Francisco, CA, USA
Tech-enabled legal asset manager
S16 FINTECH
-  **Vouch** San Francisco, CA, USA
Insurance and risk management tools for startups.
S19 FINTECH
-  **SimpleLegal** Mountain View, CA, USA
Legal Operations for corporate legal teams.
S13 SAAS

What

Trends



- Move to the cloud
- Learning from consumer technologies (mobile, design)
- Intelligent agents as a means of document automation
- E-discovery, Analytics and Automation: from search to AI
- DLT and Smart Contracts: emergence of a new category
- A move towards decentralization



What

Applications



Pattern detection

Recognize (ir)regularities in data

Foresight

Determine the probability of future events

Customization

Generate rules from specific profiles and apply general data to optimize outcomes

Decision-making

Generate rules from general data and apply specific profiles against those rules

Interaction

Communicate with humans through digital or analogue mediums

What

Applications



Pattern detection

Recognize (ir)regularities in data

Foresight

Determine the probability of future events

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Decision-making

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Interaction

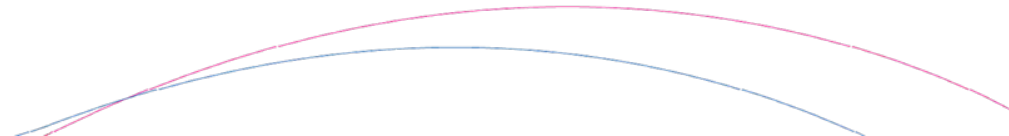
Communicate with humans through digital or analogue mediums

What

Governance, Risk & Compliance



**Machine Learning
Anomaly Detection**

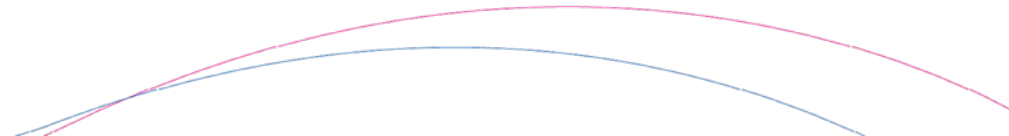


What

Governance, Risk & Compliance



**Machine Learning
Anomaly Detection
97% Accuracy
50+ Client Companies**



What

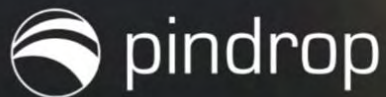
Fraud Prevention



Super Hearing: Identifying Fraudsters on the Phone

Listen to calls to figure out if it's really you based on your voice, your behavior, and the noise on the line.

In the US: **90 voice fraud attacks every minute**





What

Sentiment Analysis



The screenshot displays the Dialpad CRM interface. On the left, there is a sidebar with navigation options: 'MAKE A CALL', 'MY INBOX', 'CONTACTS', 'CALL CENTERS' (with 'ON DUTY' status), and 'RECENT CONTACTS'. The main area shows a 'Coaching Group' with a table of active calls. A call with Leo Fink is highlighted, and a sentiment analysis overlay is shown on the right. The overlay displays the customer's text: 'I still don't understand why your product is twice as expensive as Jinx' and a red button labeled 'Pricing Objection'.

Dialpad | Shane Holmes | (415) 555-5555

Coaching Group
(415) 805-2378

Agent	Customer	Duration
Leo Fink	(978) 222-2521	1:39
Jason Harris	(978) 888-2687	1:27

Leo Fink
On call with (978) 222-2521

JESSICA 1:33

I still don't understand why your product is twice as expensive as Jinx

Pricing Objection

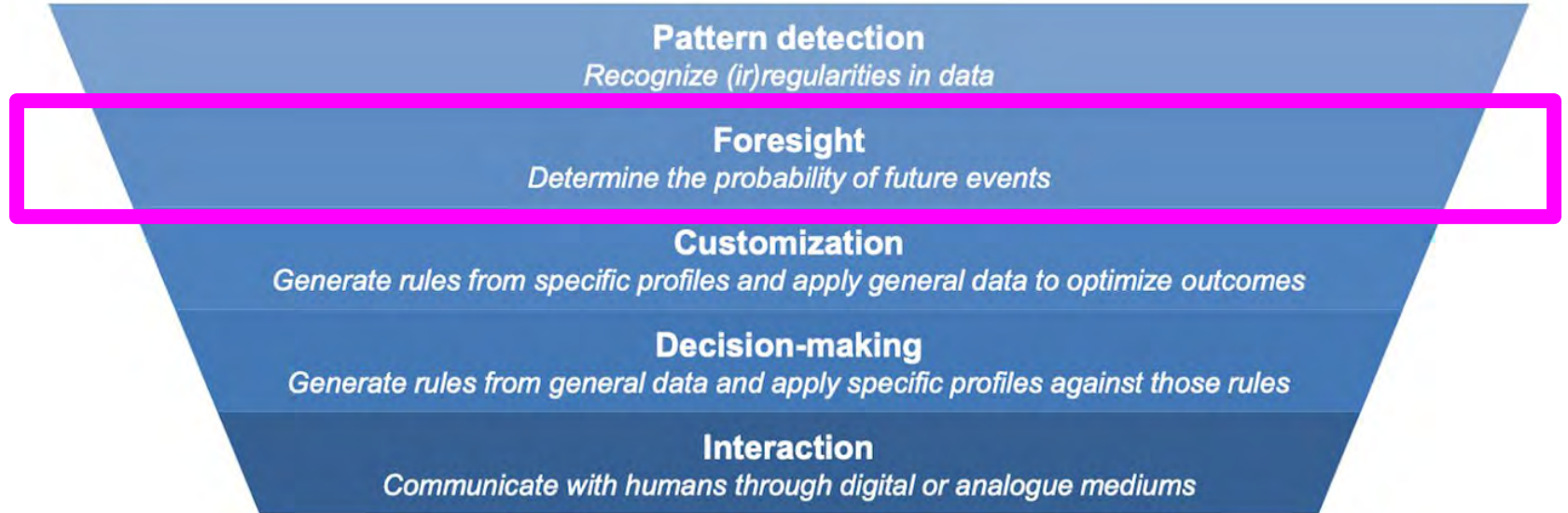
What
Visual



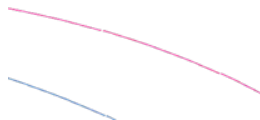
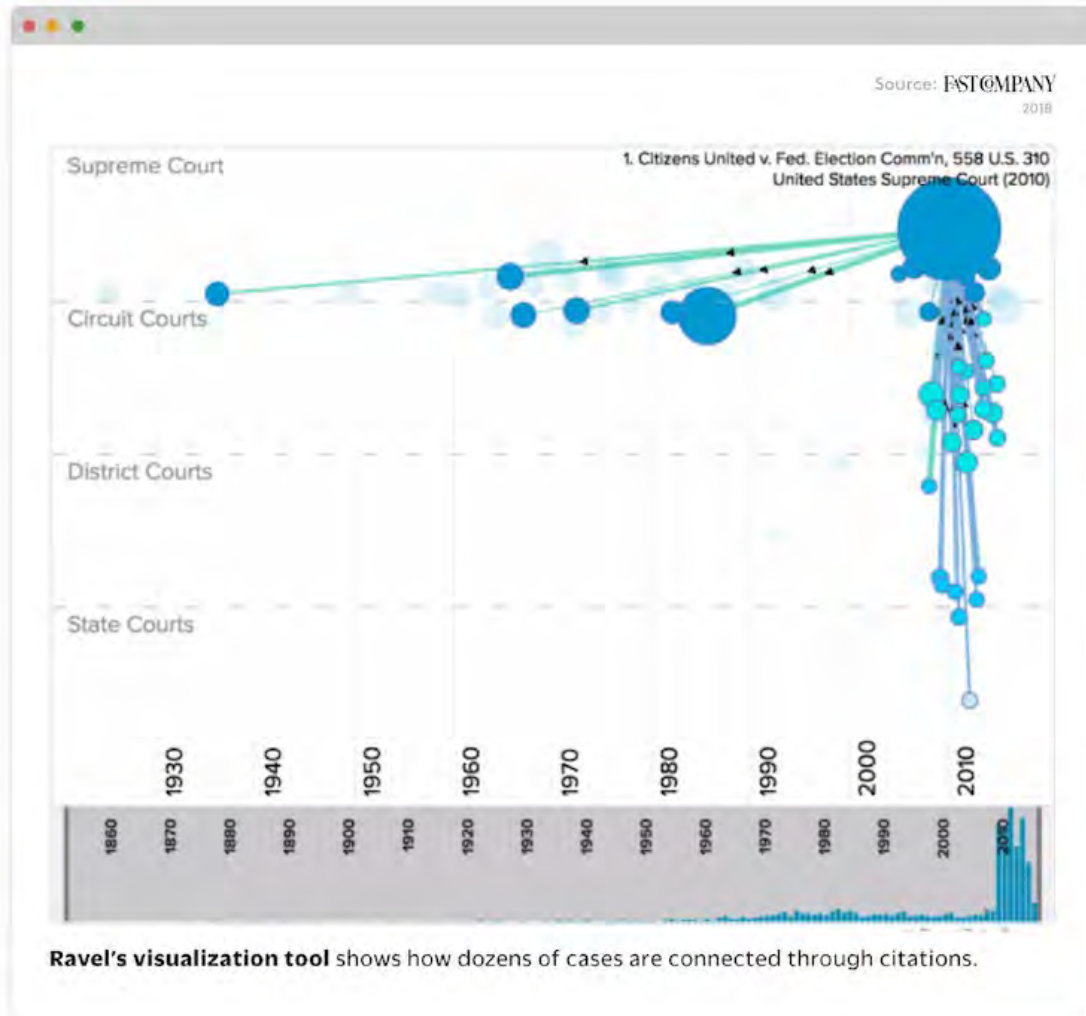


What

Applications



What



Get financing for your case.

Fill out a brief form to find out whether Legalist can help get your case to the finish line.

[Apply now](#)

Funding justice.


Litigation finance for those who want to level the playing field.

[Apply now](#)



"Working with Legalist allowed my client to access the litigation funding he needed in order to pursue his case."

Aryeh Kaplan, Pillsbury Winthrop Shaw Pittman



Why Litigation Finance Could Be a Lifeline for Small Firms in the Next Coronavirus-fueled Recession

Litigation finance

Data Insights

We mine court records to make better funding decisions. Dossier offers insights to help litigants and attorneys choose data-driven strategies and win their cases.



Research
COVID-19 Is Priming the Bankruptcy Market - What Should You Know Before Joining In?



Research
Discrepancies and Barriers in DIP Funding



In the News

Legalist Nabs BigLaw Alum From Another Litigation Funder

Law360 reports on Legalist's recruitment of Megan Baer as Investment Counsel

[Read More](#)

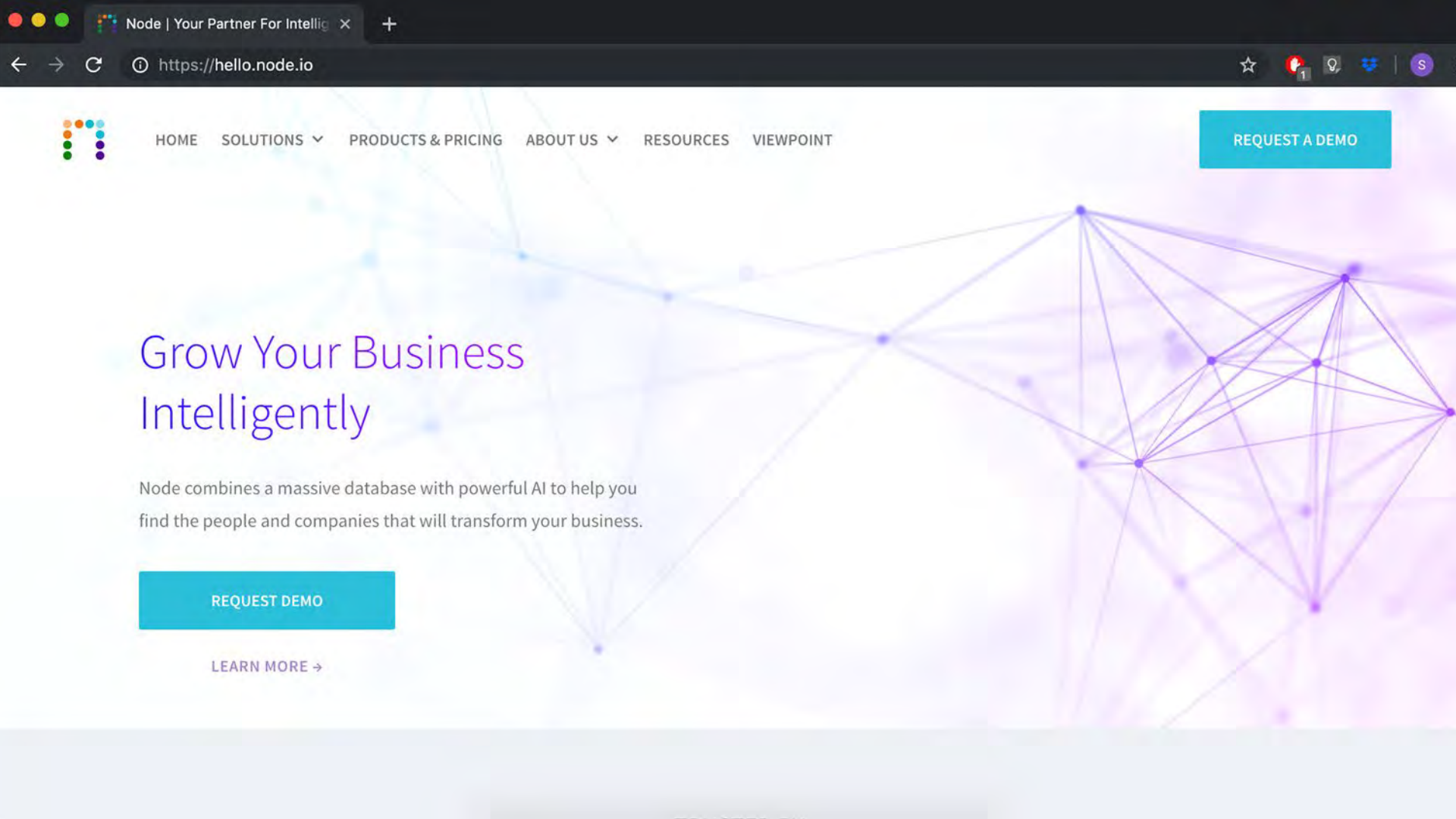
Here's how 4 litigation financiers are thinking about data and analytics — and why some players think it's an industry prime for disruption

Business Insider interviews Legalist CEO Eva Shang about the use of analytics and artificial intelligence in litigation finance underwriting

[Read More](#)

Litigation funding startup Legalist is seeing a boom in demand to back lawsuits — and is hoping to attract hundreds of millions of dollars from investors to keep up with the need

Business Insider interviews Legalist CEO Eva Shang about how the firm has grown since its launch and how she envisions its future.



[REQUEST A DEMO](#)

Grow Your Business Intelligently

Node combines a massive database with powerful AI to help you find the people and companies that will transform your business.

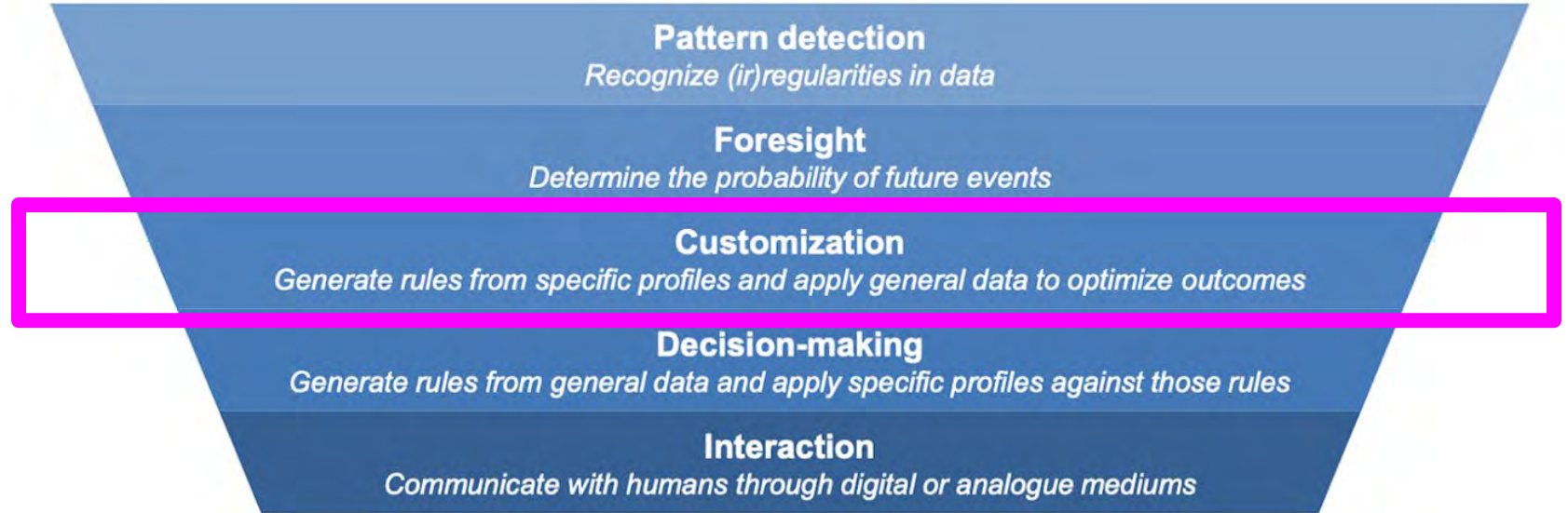
[REQUEST DEMO](#)

[LEARN MORE](#) →



What

Applications



Legal research software made for fast and in-depth research.



Question-based Search

Search less, answer more.

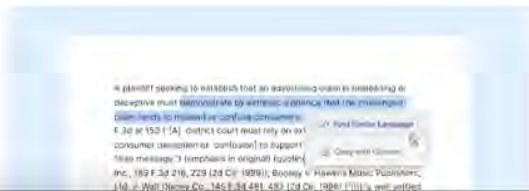
Save time by asking your legal question in language you would use with a colleague.



Find Similar Language

Leave no stone unturned.

Highlight text to find other cases with similar



SoloSuit

Closing the justice gap

support@solosuit.com

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[Resources](#)

[Login](#)

Sued for a debt? We're here to help.

You must respond to the lawsuit within 14-30 days of receiving the complaint. Our automated software will help you safely and accurately prepare your response.

[Get Started](#)



FAST COMPANY

npr

The Salt Lake Tribune

abc 4 KUTV UTAH

ABC 4 KUTV UTAH

ABOVE THE LAW

BYU LAW

Hacker News

the National Jurist

Daily Herald



Legal wills made easy
An online tool for your estate planning needs

Start My Will

I am a homeowner

I have a minor child

Relationship / Status

I am... ▼

State

Choose state ▼

[Continue](#)

-  Step by Step Checklist
-  State Law Specific
-  Save & Edit Anytime
-  Personal Guidance

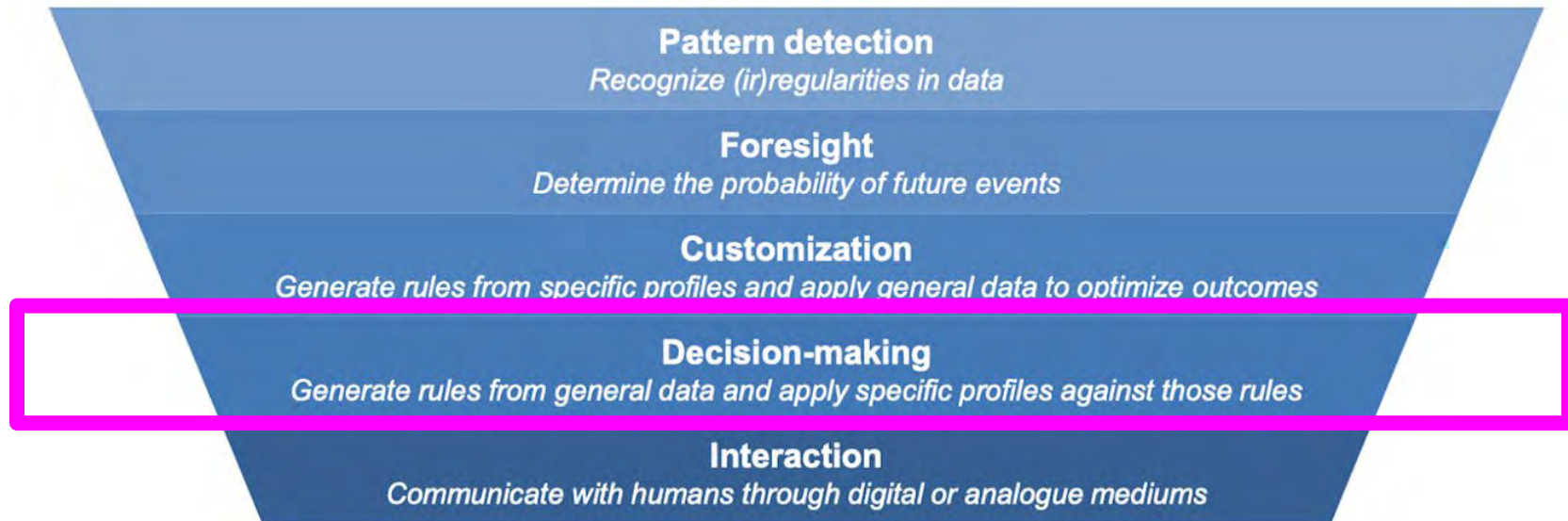
\$69 Start for free, pay only when you print and sign





What

Applications

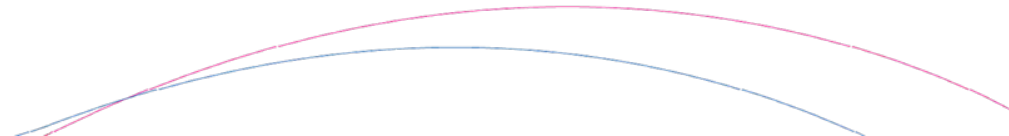


What

Regulation Review



Natural Language Processing IRS Regulation Review

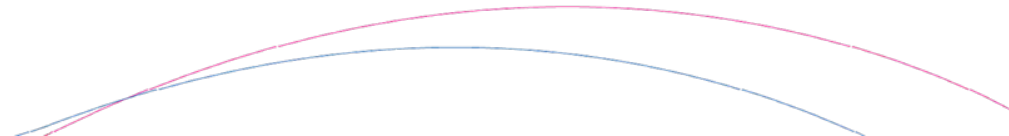


What

Regulation Review



**Natural Language Processing
IRS Regulation Review
3x consistent & 2x efficient
Break-Even ROI in a Year**





Contract Intelligence (COIN) - JPMorgan



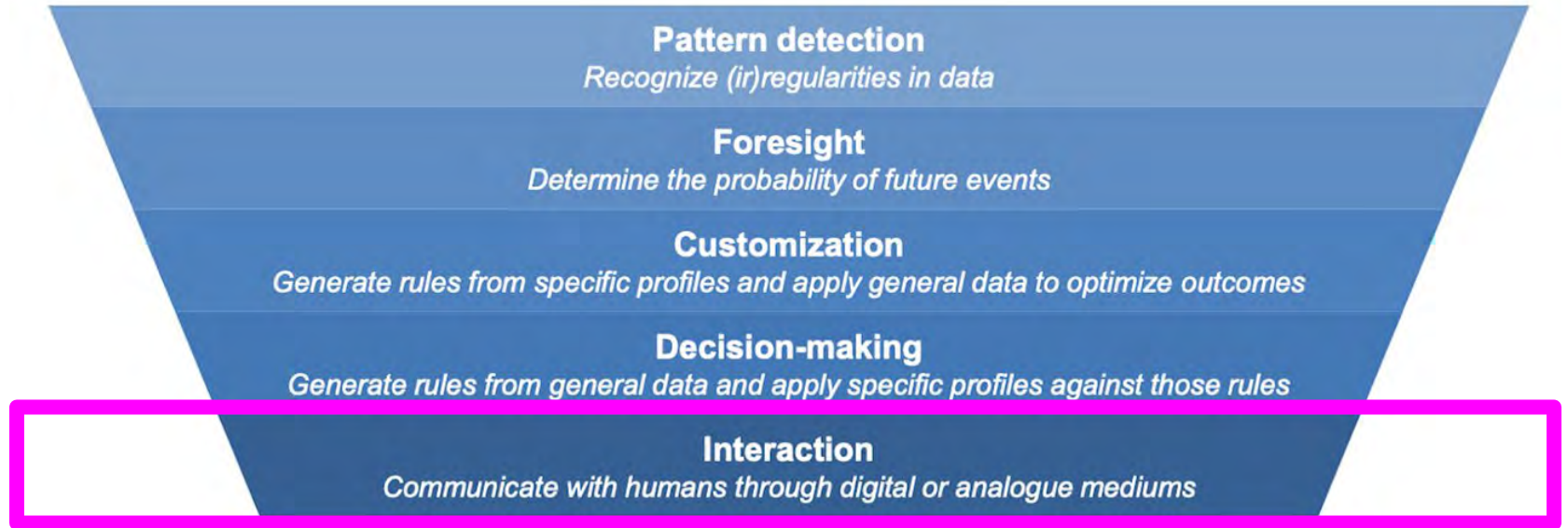
Made possible by investments in machine learning and a new private cloud network, COIN is just the start for the biggest U.S. bank. The firm recently set up technology hubs for teams specializing in big data, robotics and cloud infrastructure to find new sources of revenue, while reducing expenses and risks.

As for COIN, the program has helped JPMorgan cut down on loan-servicing mistakes, most of which stemmed from human error in interpreting 12,000 new wholesale contracts per year, according to its designers.



What

Applications



تحتاج إلى مساعدة لإعادة توطينك أو للحصول
على تأشيرة؟
تحدث إلى منى الآن!

Need help with resettlement or
Talk to Mona now!

IRAP

↑↑ Mar



إعادة توطين Mona for Refugee Resettlement

Typically replies in
Nonprofit Organization

3.7K people like this including Layal
Hussami and 11 friends

مرحباً

مرحباً! يرجى النقر على الأزرار أدناه
للتحدث معي. يرجى اختيار اللغة
لبدء الحديث.

Hi! Click the buttons below to
talk to me. To start, please
click a button to select a
language.

العربية

English

Other languages



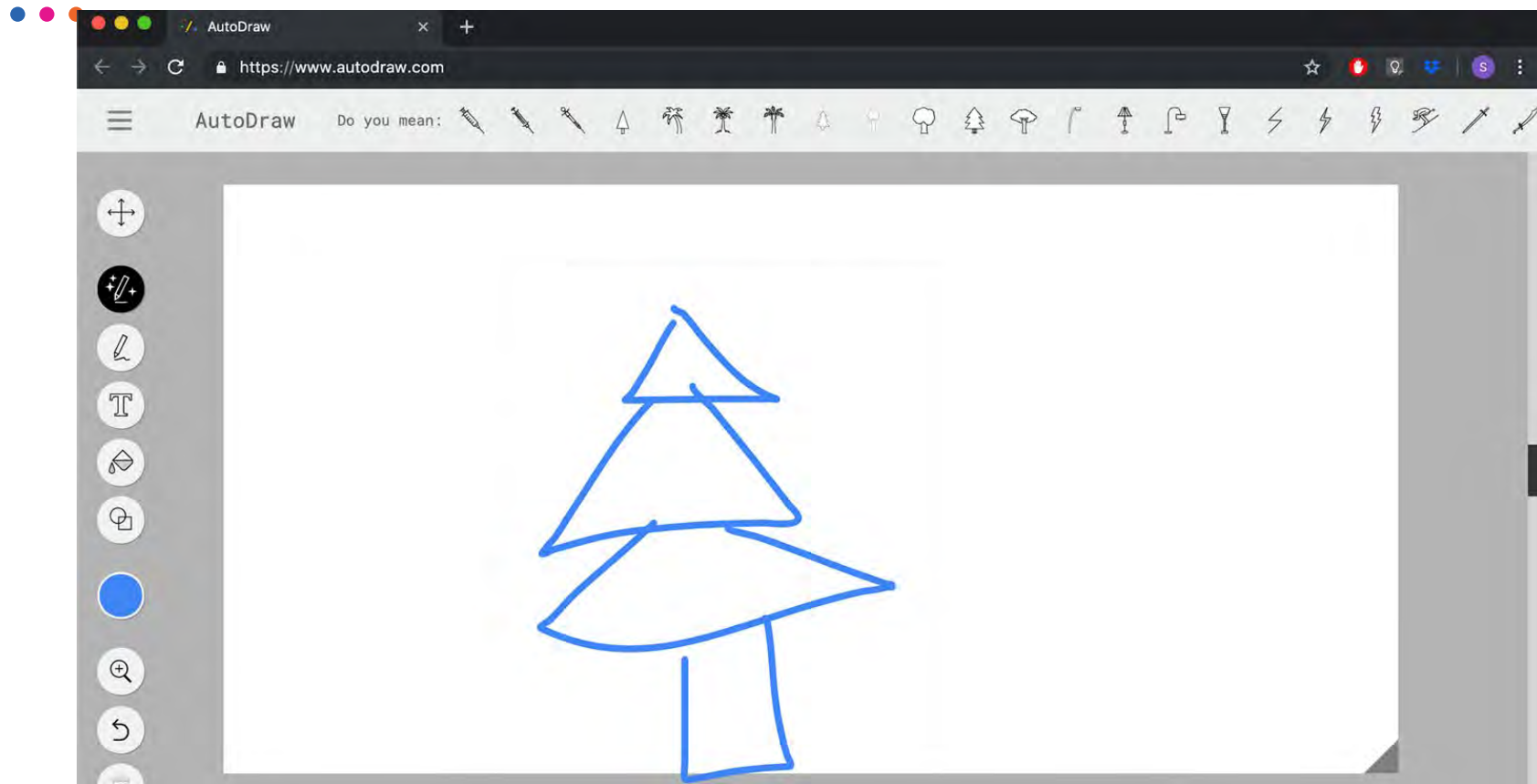
Aa



Okay

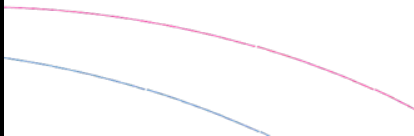
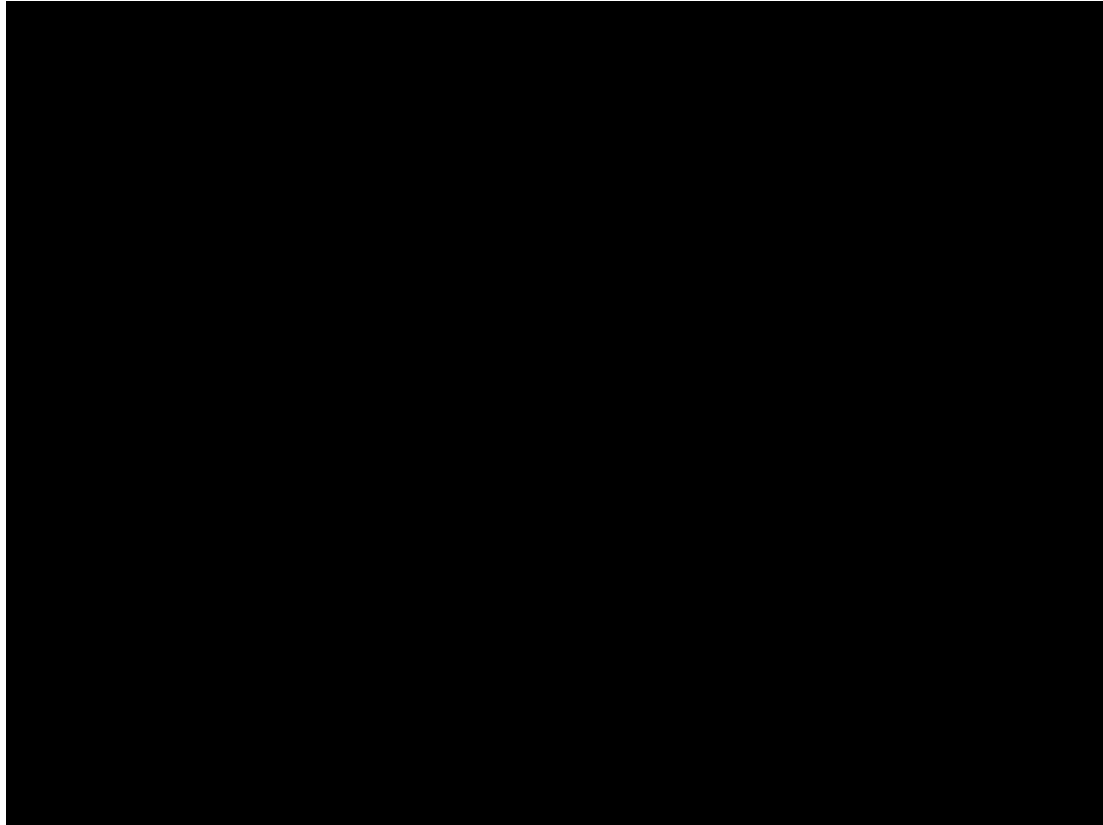
What

Putting Things Together



What

Putting Things Together





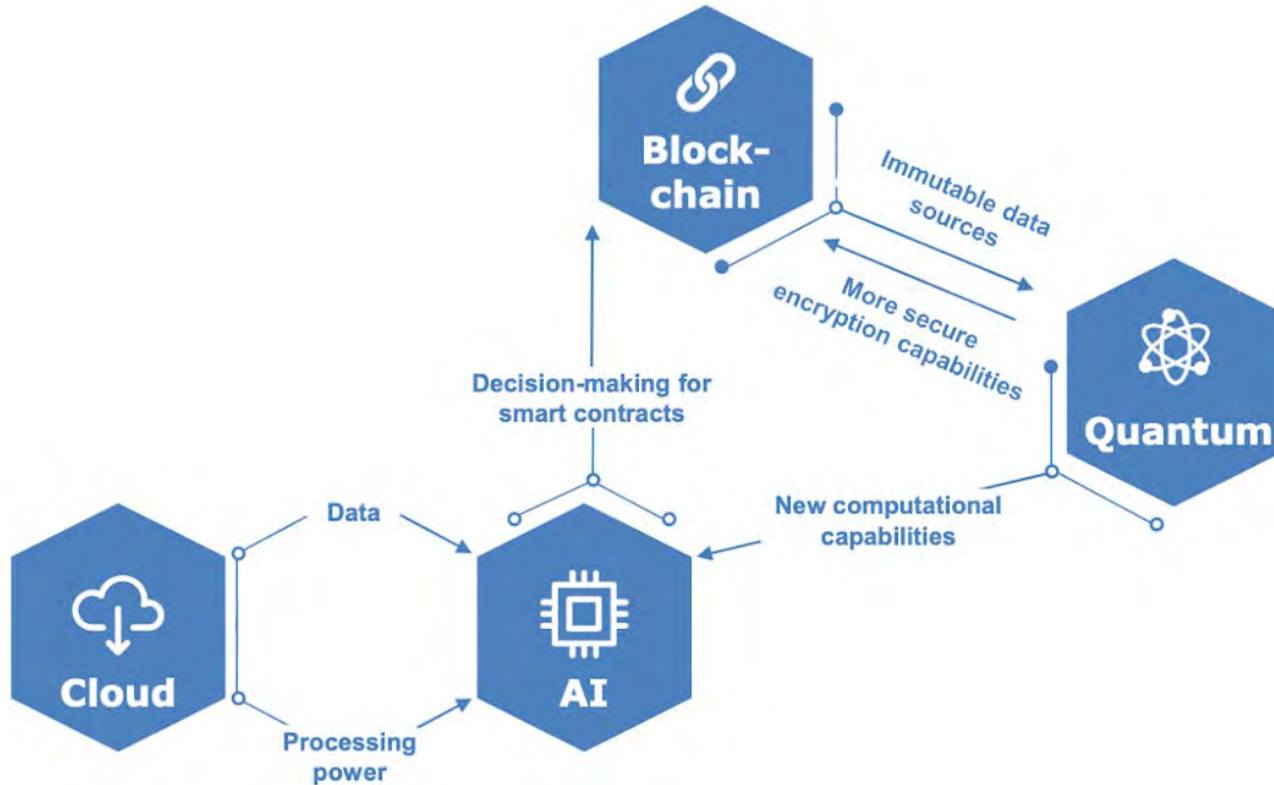
1. Why
2. What
3. How





How

Intersecting Exponential Technologies





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Featured Article

Atrium raises \$65M from a16z to replace lawyers with machine learning

Twitch's Justin Kan returns to pwn law firms

Josh Constine @joshconstine / 7:01 AM PDT • September 10, 2018

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\$75M legal startup Atrium shuts down, lays off 100

Josh Constine @joshconstine / 3:42 PM PST • March 3, 2020

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Justin Kan's hybrid legal software and law firm startup Atrium is shutting down today after failing to figure out how to deliver better efficiency than a traditional law firm, the CEO tells TechCrunch exclusively. The startup has now laid off all its employees, which totaled just over



of its \$75.5 million in funding to investors, including Series B lead


The separate Atrium law firm will continue to operate.

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 **Shuo Chen**
@ShuoC

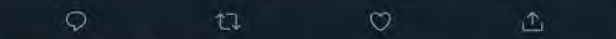
Thread

 **Justin Kan** @justinkan

10 months ago we shut down Atrium after raising \$75m in venture capital. Anyone hearing that knows I made tons of mistakes along the way. Someone asked me today what my biggest lessons learned were. Here they are:

8:39 PM · Jan 5, 2021 · Twitter Web App

2K Retweets 359 Quote Tweets 9.7K Likes



 **Justin Kan** @justinkan · Jan 5
Replying to @justinkan
Start with the mission


It is very hard to write the mission after the fact. You should start with a clear reason to exist and filter early hires for believers.

14 104 1.1K


 **Justin Kan** @justinkan · Jan 5
Start remote. SFBA is over for startups: the cost of housing and rent gives you much worse operating leverage. Many talented people choose jobs they want to be flexible re: location. Remote is better at this time in the market.

I wrote that before COVID, now it's extra true.

16 142 1.2K

 **Justin Kan** @justinkan · Jan 5
There is no skipping of the R&D phase of a company - if you try to skip this you miss the part where you are forced to develop something differentiated. Very hard to solve this with money.

12 108 997

 **Justin Kan** @justinkan · Jan 5

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Be kind to yourself. If you won't, who will? My new podcast The Quest (@thequest_pod) out now on Apple and Spotify

What's happening


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At least one person injured in Tacoma, after a police car drove through a crowd of pedestrians Saturday night



Los Angeles Times · Yesterday

Remembering Kobe Bryant: 1 year later



Trending in Canada

Halifax

2,127 Tweets

The New York Times · Yesterday

Dr. Anthony Fauci reveals what working for Trump was really like



Politics · Trending

#Jesus

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Justin Kan @justinkan · Jan 5
You can read more in this AMA I dropped on Reddit today:



I am Justin Kan, cofounder of Twitch (world's bigge...
My newest project, [The Quest](https://the-quest-with-justin-kan.simplecast.com/), is a podcast whe...
reddit.com

57 replies · 62 retweets · 769 likes

Isaac Oni @onisaac · Jan 6
Replying to @justinkan
@oyeronkepearl @tolu_beckley

Joakim Achren @joakim_a · Jan 5
Replying to @justinkan
@readwiseio save thread

Readwise @readwiseio · Jan 5
Done! We've saved this whole thread to your library so you can revisit/remember it 🎉

Stats:

- 5 saves of this thread (ranked #1202)
- 14 unique saves of justinkan's threads (ranked #239)
- 43 total saves of justinkan's threads (ranked #165)

1 reply · 5 retweets · 1 like

kid presentable @TheRevJPConway · Jan 5
Replying to @justinkan
@threader_app compile please

1 reply · 2 retweets · 0 likes

Threader @threader_app · Jan 5
Hey kid, what's up? The thread is compiled, don't hesitate to share it. Have a good read:

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relevant people

Justin Kan @justinkan
Be kind to yourself. If you won't, who will? My new podcast The Quest (@thequest_pod) out now on Apple and Spotify

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At least one person injured in Tacoma, after a police car drove through a crowd of pedestrians Saturday night

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Dr. Anthony Fauci reveals what working for Trump was really like

Trending in Canada

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Politics · Trending

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Los Angeles Times · Yesterday

Remembering Kobe Bryant: 1 year later

Shuo Chen @ShuoC



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Cognition IP looks to streamline the patent filing experience with a dose of smarter search

Matthew Lynley @mattlynley / 8:05 am PST • February 1, 2018

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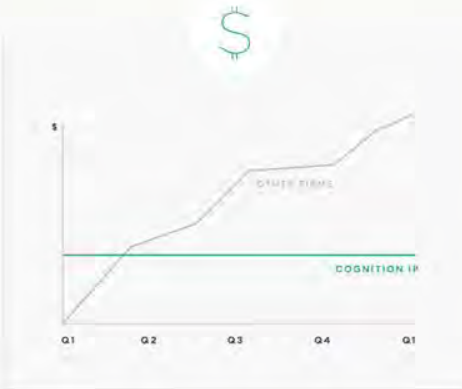


Our results are close to 2x better than other law firms

We have a 91% historical success rate for patent applications that we file. Compare this to the 55% success rate of the average law firm in the United States. We put care and attention into our work and our technology helps produce consistent results. Our past successes show this.



Feedback



Fixed-fees so you'll never be surprised by a legal bill.

We price our services on a fixed-fee basis so you'll know how much to budget for all your IP needs. Other firms bill by the hour and won't tell you how much the final cost is until after they send you the invoice. We give you control over your legal spending.

IP prepared in weeks. Not months.

We prepare patent applications in a matter of weeks, not the months long wait times you have with traditional law firms. We prioritize our startup clients and get to work on their IP right away. Your work won't get put on the back burner behind a traditional law firm's bigger clients.



Feedback

HELPING YOU PROTECT YOUR IP

IP Strategy

We provide expert guidance on IP strategy based on years of experience and advanced analytics.

Freedom to Operate

Ensure that you have the freedom to commercialize your product and prevent lawsuits before they occur.

Trademark

Protect your brand by working with us on a comprehensive trademark search and application filing.

Provisional Patent Application

Based on your invention disclosure, we'll prepare and file your provisional patent application to obtain a strong priority date.

Non-Provisional Patent Application

Work with our IP practitioners with domain expertise who will craft and file your non-provisional application.

Patentability Search

Our worldwide patentability search will help provide greater certainty that you'll be able to patent your invention.

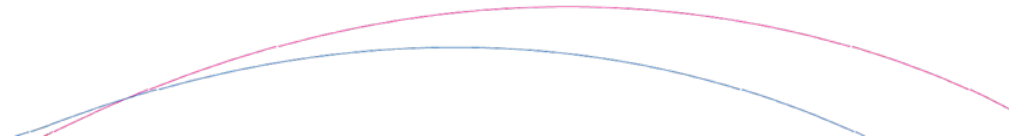


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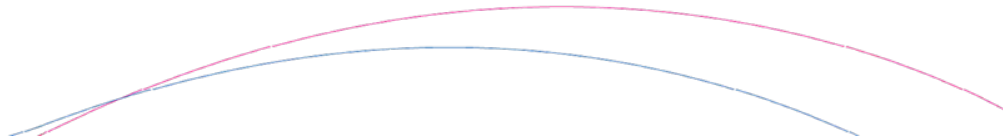
Focus on ...



- Knowledge
- People



How
Knowledge



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- Litigation
- Lawyers getting in on the game
- Legal Marketplaces
- Comparational Legal Studies
- Smart Contract Implementations
- Smart Statutes / Digital Legislation
- Contract Formalisation & Natural Language Generation
- Artificial Intelligence & Natural Language Processing
- Support Services
- Other Interesting Things
- Deadpods

Other Players in the Field

Non-exhaustive listing, though we do try to put everyone we've encountered here. [Holler](#) if we missed something!

Legaltech-for-Startups

[Bonsai](#) helps freelancers get paid // [Carta](#) (formerly e-shares) does ownership management // [Catalex](#) does corporate administration, e-signatures, law browsers, working day calculators, court costs calculation, and PDF concatenates // [Clerky](#) (Delaware) does incorporations and fundings // [CofoundersLab](#) offers templates to entrepreneurs // [Concord](#) is end-to-end contract signature management // [DocDep](#) takes you from investment to divestment // [Eloquens](#) has an entire section for startups // [FirstCounsel](#) offers legal support for entrepreneurs, startups, and SMEs in Singapore // [FounderSuite](#) // [FlashFundrs](#) is an equity crowdfunding platform with a ton of augmentations, [according to Techcrunch](#) // [Founders Workbench](#) // [Handshakes](#) maps out all relationships between companies and persons // [Incorporations.io](#) finds the best jurisdiction in which to incorporate your particular startup // [Ironclad](#) automates a range of startup-friendly legal templates, with Dropbox and HelloSign integration // [Jianfabang](#) is an document automation service for startups // [LawCanvas](#) (for Singapore) // [Legistify](#) has DIY agreements // [Nivaaura](#) is a cloud-based service for issue of financial instruments by SMEs // [Patentory](#) // [Paper](#) does incorporations and fundings // [SeedLegals](#) does incorporation & funding documentation in the UK // [Sleek.sg](#) does incorporations, SaaS company secretary, visas and immigration in Singapore // [StartupDocuments](#) is affiliated with [Bedrock](#) and does incorporations and fundings // [StartupLawyer](#) does incorporations and fundings // [Stripe Atlas](#) (Delaware) // [Upstart Alliance](#) provides online templates targeted at startups // [Valcu](#) offers document automation and some scripting // [Valuative](#) capital structure modelling and visualization // [VCExperts](#) offers due diligence and other tools // [Venture360](#) is a complete deal management platform for seed funds // [Visible.VC](#) offers a [Tech Investing Software Stack](#) // [Zegal](#) (formerly Dragon Law) is founded by a lawyer

Fundraising Templates [500Startups](#), offers the KISS // [CooleyGo](#) has equity and debt instruments // [SeedSummit for Europe, by SeedCamp](#) // [Series Seed](#) (also for [Finland](#) and [India](#)) // [Simmonds Stewart](#) does automated KISSes for South-East Asia // [Y Combinator](#) has both Series AA and SAFE instruments in four flavours; though some think [it's screwing you up, not safe, sacrifices flexibility and future bargaining possibilities on the altar of expedience](#); for some others, [may not love it... but at least I understand it](#) // Comparative reviews, e.g.: [Shockwave Innovations'](#); [Quora weights in](#); [Square1bank compares the SAFE with convertible debt notes](#); [SAFE vs KISS](#); [SAFE vs KISS by Rubicon](#); [KISSing SAFELY or SAFELY KISSing](#); [SeriesSeed vs Series A](#); [Invigorlaw's](#); [Vincent Jacobs'](#)

Cap Tables Techcrunch's Jason Rowley wrote about [first round fundraising](#) // [Humble ventures gives a basic overview](#) // [Anatomy of a Startup Captable](#) // Quora answers ["What is the best captable template available online?"](#), and also the [best template for startups with different types of shares, bonus pools, multiple rounds, etc](#) // [AskTheVC](#) // [Capshare.com](#) // [Captable.io](#) // [ExactEquity](#) // [Gust Equity Management](#) does captables and equity issues // [Reportally.com](#) // [VentureHacks](#) // [eShares round modelling](#) which is gaining [impressive marketshare](#)

Education [How Startups Burn Money on Lawyers](#) // [Quora](#) answers "When founding a startup is it worth immediately investing in a lawyer, or can you get by with pre-made documents?" // [Heidi Roizen's Walkthrough](#) // [Docracy's guide to Term Sheets](#) // [Brad Feld's Term Sheet Blog Series](#), now available as a book, [Venture Deals](#) // [Deal Terms, by Wilmerding](#) // [Angel or seed investing: Angel term sheets for startups](#), from the MaRS Library // [Paul Graham on High Resolution Fundraising](#) // [The Truth About Convertible Debt at Startups and The Hidden Terms You Didn't Understand](#) // [Mark Suster's Bad Notes on Venture Capital](#) // [StartupCompanyLawyer](#) // [LivePlan](#) helps you with forecasts // [The Ultimate List of Legal Resources for Startups](#)

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Legal Marketplaces

Computational Legal Studies

Smart Contract Implementations

Smart Statutes / Digital Legislation

Contract Formisation & Natural Language
Generation

Artificial Intelligence & Natural Language Processing

Support Services

Other Interesting Things

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Industry-specific Solutions

Real estate [BitRent](#) does smart real estate contracts on the blockchain; // [Core Logic](#) // [Chromaway](#) does it on the blockchain // [EasyLaw](#) does online land searches and calculates legal fees, stamp duties, and RPGT in Malaysia // [Goodlord](#) does tenancy agreements, references, e-signing all-in-one // [Dealpath](#) does corporate real estate deal management // [Flip](#) allows you to make a lease agreement, amongst others // [Track With Ease](#) // [Shipping Bimco](#) does shipping contracts & clauses // [CP Desk](#) is a good example of a vertical-specific legal application // [Chinsay](#) does contract management for freight // [Conga](#) lets you create customised shipping documents from Salesforce // [Damco](#) does document management for shipping // [Immigration Boundless](#) does marriage-based greencard applications // [Citizenshipworks](#) // [FastVisa](#) does immigration workflow automation // [Legal Space](#) is a digital immigration and visa solution for relocating to the USA // Joshua Browder [does chat bots for asylum seekers](#) (and [parking tickets](#) and [air ticket refunds](#)) // [Oliver.ai](#) does immigration visas // [Visabot](#) is an AI chatbot for US green cards // [WorldEvermore](#) says it is turbotax for immigration // [Wills doyourownwill](#) // [Willing](#) makes wills online // [Farewill](#) in the UK and Wales // [Freewill](#) in the U.S. // [LegalWills](#) in Canada // [Quicken WillMaker](#) // [WillCreator Deluxe](#) // [Wills.org.uk](#) allows you to make a fully legal will online // [MyWillOnline](#) does it in Australia // [Divorce Amicable](#) does fixed price divorce and separations // [DivorceMate](#) targets Canadian family law practices for spousal/child support situations and document assembly // [It's over easy](#) does uncontested divorce filings in 3 steps // [iSplitDivorce](#) // [LexQuanta has a divorce assets division simulator](#) // [Separate.us](#) // [SupportPay](#) does child support // [Wevorice](#) // **IP rights management** [Kenneth Adams' Copyright and the Contract Drafter](#) (New York Law Journal, 2006) asks: are contracts copyrightable? // [AltLegal](#) // [Acclaim IP](#) does patent search & analytics // [Anaqua](#) // [Cognate](#) does trademark protection // [DataNovo](#) // [elementaryIP](#) groks patent law // [IPNexus](#) provides legal templates, forms, checklists, and guidelines for IP protection // [Lecorpio](#) (acquired by Anaqua) does IP software and services on a platform // [LexMachina](#) groks patent law // [Specifico](#) automates patent applications // [Trademarkia](#) // [Trademark Now](#) does trademark searches // **Consumer Protection** [radvocate](#) for automated consumer dispute processes

Document Generation & Assembly

Generators [Autom](#) // [Business-in-a-Box](#) // [BamLegal](#) // [Clarilis](#) allows firms to generate templates and precedents // [Contract Standards](#) // [ContractMill](#) lets you create and use your own contract templates // [Clausehound](#) // [CooleyGo](#) // [DiligenceEngine](#) // [eBrevia](#) // [FormSwift](#) // [iDisclose](#) does filings, deal and hiring documentation // [lubenda](#) generates T&Cs for privacy policies and cookies // [InRule](#) // [LawCanvas](#) (for Singapore) // [LegalContract](#) has good decent wizards covering the US // [Prose](#) // [RadiantLaw](#) // [RocketLawyer](#) // [Shake](#) // [TermsFeed](#) generates EULAs, privacy policies, and more // [Turner](#) is a pleasant Mac-app // [Wilson Sonsini's Termsheet Generator](#) // [Wilmerhale](#) // [NDAs for Free](#) // [NDA Lynn](#) helps you check your NDA // [VentureDocs](#) // [Vanilla Law](#) by MG/Chambers ([news article](#)) // [UltraDox](#) converts Google Docs to Microsoft Word // [WeAgree](#)

Assemblers (usually for law firms and in-house counsel) [Autom.io](#) // [Avvoka](#) offers contract automation and pair drafting // [Bizibody](#) // [ContractExpress by Thomson Reuters](#) // [DocAssemble](#) is opensource (YAML and Python) and allows domain experts to build what [TBC would call](#) a shallow-model expert system wizard // [Law Help Interactive](#) is another expert system // [Exari](#) // [HotDocs](#) // [LegalFab](#) // [Planet X Law](#) // [XpressDox](#) // [Turner](#) is a contract-drafting IDE // [Documate](#) // [Nonprofit Techy](#) compares [A2J Author](#), [Docassemble](#), [QnA Markup](#) and [HotDocs](#) // [Justice for Some](#)

Plug-Ins [Woodpecker](#) does automation in Word // [Xpressdox](#) // [Contract Express Author](#)

Libraries & Repositories

Libraries [AVCAL](#) (for Australia) // [BVCA](#) (UK) // [edocr](#) // [ILRG Legal Forms Archive](#) // [LawCanvas - Easy Legal Documents for Singapore](#) // [LawDepot](#) // [LegalZebra](#) (for Australia) // [Onecler](#) is an archive of legal forms // [Orrick's Start-Up Forms Library](#) and [term sheets](#) // [Taylor Wessing's Documents](#) (UK)

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For Lawyers and/or In-house Counsel

Practice Management [AltaClaro](#) // [Autto](#) is kind of IFTTT for lawyers with workflows as an expert system // [Brightflag](#) does ebilling & spend management // [BusyLamp](#) // [Casepeer](#) does personal injury case management // [Case Status](#) // [Cavory](#) does cloud-based legal practice management // [Clio](#) // [CosmoLex](#) // [Dazychain](#) // [Digitary Legal](#) // [Dealmaker](#) // [DocEx Legal](#) tracks your documents // [Gideon Legal](#) does chatbots and also predictive analytics // [Josef](#) creates chatbots for law firms // [Jurato](#) // [Justly](#) // [LawDroid](#) does chatbots // [LawMaster](#) // [LawVU](#) does matter and ops management // [Legaler](#) does online meetings for lawyers // [Legal Inc](#) // [MerusCase](#) // [Metajure](#) // [MyCase](#) // [NextChapter](#) does practice management just for bankruptcy law // [Paladin](#) does pro bono work management for law firms // [Practice Evolve](#) from Australia // [SavvySuit](#) does chatbots // [SimpleLegal](#) // [Sheriasoft](#) practice management for law firms in Africa // [Time Miner](#) does billing // [Vrsus](#) does case management // [Yerra](#) is a tech consultancy for law firms, which has just been acquired by Elevate // [Elevate](#) is a consultancy firm specialising in law firms // [Zygos](#)

Negotiation [ContractRoom](#) // [SimplyAgree](#) focuses on signature and closing // [Synergist](#) is a contract negotiation platform with easily tunable knobs // [Parley Pro](#) negotiate better contracts faster // [The Doc Yard](#) is a polished app for lawyers to address the pain point of deal negotiation and closing

Run-time Monitoring [Intraspexion](#) is an early warning system for employment litigation

Contract Life Cycle Management [Contract Eagle](#) // [Contract Logix](#) // [Contractual.ly](#) got acquired by Coupa // [Concord Now](#) // [DocEngine offers CLM along with compliance checks](#) // [DocuCollab](#) // [Doxly](#) // [Exari](#) // [Icertis](#) // [iDPARC](#) // [Lawcadia does legal procurement management](#) // [Paper](#) is a unified platform for contracts // [Planning Blox](#) // [Precisely](#) is doing contract management software with pleasant UX // [Qualmet](#) measures value of outside counsel, for in-house counsel // [SpringCM](#) is a document and contract management platform // [Viewabill](#) promotes collaboration between in-house and external counsel // [Arity](#) does advanced document management

RegTech [Corlytics](#) is regulation technology and analysis with big data // [ComplyGlobal](#) helps big business cover their many widely dispersed asses // [Corlytics](#) // [Global-Regulation](#) // [SaGo](#) for compliance

Document Review [Beagle.ai](#) reads contracts // [BrightLeaf](#) does contract abstraction // [ClauseMatch](#) reads contracts // [Counselytics](#) reads contracts // [Heretik](#) reads contracts // [JPMorgan](#) reads contracts // [jEugene](#) reads contracts // [Kira](#) reads contracts // [LawGeex](#) reads contracts // [LegalRobot](#) reads contracts // [LegalSifter](#) reads contracts // [LitIQ drafts contracts](#) // [Luminance](#) reads contracts (and other documents in datarooms) // [Metajure](#) reads contracts // [PageMap](#) reads contracts // [RAVN](#) reads contracts // [rfrnz](#) reads contracts // [Seal Software](#) reads contracts // [Vaultedge](#) reads contracts

Due Diligence [dealWIP](#) does cloud-based due diligence // [Drooms](#) // [Luminance](#) does due diligence as well // [Midaxo](#) does buy-side due diligence // [Wizdocs](#) // [Fieldguide](#)

Litigation

[Allegory Law](#) // [Bounga](#) does digital forensics // [Blue J Legal](#) helps lawyers research tax law // [CaseText](#) // [Caseshare](#) and [Openlaw.cn](#) are both case databases // [Clarilegal](#) // [Cicayda](#) // [Courtroom5](#) for litigants-in-person // [Docket Alarm](#) // [Docket Navigator](#) is a curated platform for patent litigation // [Doctrine](#) is a search engine for court decisions and other legal texts (France) // [Everlaw](#) also does e-discovery // [FactCase](#) // [CaseText](#) // [Early Neutral Arbitrals predicts](#)

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- Smart Statutes / Digital Legislation
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- Artificial Intelligence & Natural Language Processing
- Support Services
- Other Interesting Things
- Outlines

Lawyers getting in on the game

Some more innovative / technical / interesting than others, obviously.

Allen & Overy and Deloitte make [MarginMatrix](#) which codifies the law in various jurisdictions and automates drafting of certain kinds of multi-jurisdictional documents // [Allen & Overy's Fuse](#) a legal tech innovation space // [Baker McKenzie's Innovation Programme](#) aims to apply design thinking to client services, and has [deployed bespoke AI](#) to enhance its M&A and transactional practices // [Chrissie Lightfoot on Twitter](#) // [Clydecode](#) is a consultancy service by Clyde & Co specialising in smart contract advice // [Evolution Lawyers](#) // [KM Standards \(Kingsley Martin\)](#) reads and writes contracts — see [his 2013 FutureLaw talk](#) // [KWM's Project DnA on Github](#) // [NextLex](#) offers templates, and also corresponding human services for compliance requirements // [NextLex](#) offers templates, and also corresponding human services for compliance requirements // [OpenCounsel](#) headed by [Andrew Rens](#) // [Orrick's Term Sheet Creator](#) // [Papiertiger](#) offers a few contract templates, made with lawyer approval // In Singapore, big 4 firm Rajah & Tann's bid in the space, [Rajah & Tann Technologies](#) // [Robot Lawyer Lisa](#) // [SynchLab](#) by Swiss law firm Synch // [TermFrame from Pinsent Masons](#) seems to be a wizard expedite lawyers choosing the ideal templates. // [WireLawyer](#)

Legal Marketplaces

[1law](#) // [Advise Hub](#) // [Advo Assist](#) is Germany's largest network // [Asia Law Network](#) (for Singapore) // [Avvo](#) // [Axiom](#) is positioning initially as an outsourcing option for in-house counsel (see [coverage](#)) // [Ai.Law](#) will eat it all, from China // [Bodhala](#) // [Book-It Legal](#) connects lawyers with law students // [Caliber Litigation Services](#) for court reporters // [Cadeloop](#) // [Court Buddy](#) does a-la-carte legal services at flat rates // [Fair Document](#) // [Falvgu](#) is a legal marketplace as well as case library // [FirstCounsel](#) // [Anwaltsaekunft](#), [Anwaltinfos](#), [Anwaltssuche](#), [DASD](#), [Bewertet](#), [Rechtsanwalt](#), [Advocado](#), [LegalBase](#) just in Germany alone // [Ithaca](#) is a humanitarian initiative to connect lawyers to refugees in need of asylum // [Korum Legal](#) is a boutique legal consultancy for special projects at cheaper rates // [LawCanvas](#) (for Singapore) // [LawDingo](#) // [LawGives](#) // [Lawtap](#) // [Lawtrades](#) // [Lawyaw](#) // [Lawyers on Demand](#) // [LegalClick](#) // [Legistify](#) // [LegalZoom](#) // [LexMeet!](#) // [Lexoo](#) // [MyLawyer](#) (Singapore) // [Nolo](#) // [Obelisk](#) // [Partnervine](#) to sell document templates // [Priori Legal](#) // [Premoniton, lawyers by win rate](#) // [RocketLawyer](#) // [VortexLegal](#)

Computational Legal Studies

Borrowing from social science, these apply computational data-science techniques to the legal world.

[The Law Lab](#) at Illinois Tech // [LawOS](#) at Santa Fe Institute // [law.mit.edu](#) takes a social-science approach to examining law: see [Dazza's video](#) // [Coding the Law](#) examines how the legal system uses computer algorithms

Smart Contract Implementation

[Adjoint](#) will build and formally verify your smart contracts // [Attoces](#) does smart contracts as a service // [Bitquant](#) // [Clause](#) will build a Ricardian smart contract and is teaming up with [Thin Film Electronics](#) to use near-field communication to pair physical goods to digital contracts // [Counterparty](#) // [Democracy Earth](#) // [EthCore](#) will build and browse your smart contracts // [Ethernote](#) appears to be a proof-of-concept implementing a promissory note as a smart contract // [Imandra](#): Online ecosystem for sharing and analysing internal and client-facing trading system specifications; see also their [language docs](#) // [International Blockchain Technologies](#) registers your contracts in a blockchain // Kadena's haskell-based turing-incomplete [PACT](#) language // [legalthings](#) // [Mattereum](#) brings software smarts to legal agreements and enables the internet of agreements // [Mintchalk](#) is a web IDE for smart contracts // [OpenZeppelin](#) is an opensource library for smart contracts // [Otonomos](#) // [Sagewise](#) // [SmartContract](#) // [UCL's blockchain group](#)

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- Legal Marketplaces
- Computational Legal Studies
- Smart Contract Implementations
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- Artificial Intelligence & Natural Language Processing
- Support Services
- Other Interesting Things
- Outlines

Smart Statutes / Digital Legislation

[Digitising the World's Laws](#) by Claire M. Germain, 2010 // [Berkeley Bridge](#) has an expert system // [Checkbox](#) has an expert system // [Digital Legislation](#) from Data61 attempts to answer the call // [FiscalNote](#), Tim Hwang's startup on government relationship management has raised \$20M // [Internet of Agreements](#) by Vinay Gupta explains demand from blockchain // [Making Sense of Regulations with SBVR](#) // [Neota Logic](#) has an expert system // [OpenFisca](#) does legislation as code and multidisciplinary agile development of policy and legislation // [SBVR to OWL 2 Mapping in the Domain of Legal Rules](#) // [The Foundation for Computable Law](#) // [On the Road to Regulatory Ontologies: Interpreting Regulations with SBVR](#) // [Oracle Policy Automation](#) helps you build an expert system // [How to build an automated legal-decision-making system](#) // [Labplus](#) discusses better rules for government discovery and is now helping to turn New Zealand's [legislation into code](#) // [Rules as Code](#) is a global effort to draft machine-consumable legislation

Contract Formalisation & Natural Language Generation

The need for multilingual contracts can be seen in Indonesia, where [a court has ruled](#) that contracts must be in both Bahasa and another language // [CLACK at UCL](#) // [Joe Dewey's essay](#) on [ContractCode](#), 2016 // [CommonForm](#) // [Codex](#) by Pax is a scripting language for Ethereum; [in concert with Pax Directory](#) // [Michelson, by Tezos](#), is a scripting language for smart contracts // [Lexon, by Lexys](#), is a scripting language for smart contracts // [Babbage](#) smart contract language for Ethereum // [Restatement](#) by Jason Boehmig, Tim Hwang, and Paul Saway (intro essay; see also [modelling - Background Reading](#)) // [CommonAccord](#) has some [early thinking](#) online // [Hammurabi Project](#) hosts its DSL in Wolfram Language (Mathematica); an [earlier version](#) developed a DSL called Akkadian // You've heard of [XBRL](#), now the SEC wants [Python](#)

A.I. & Natural Language Processing

Reliable natural language processing is a *vastly harder* problem than domain-specific-languages, compilers, and natural language generation, but we wish them the best. Should they be successful, drafting contracts which meet their AI's approval will be straight-forward because we can run the contracts through the AI ourselves.

[Fagougou](#) is an artificial assistant which predicts case outcomes based on precedent // [Kira](#) is used by a surprising number of law firms & professional services firms ([top nordic firm](#), [Freshfields](#), [Clifford Chance](#), [DLA Piper](#), [Axiom](#), [Deloitte](#)) // [Peter](#) does for legal what [Clara](#) does for appointments // [AI capable of legal reasoning](#) from Weightmans and Kira // [Riverview Law](#) is also developing an artificial assistant // [ThoughtRiver](#) does NLP to read contracts and reason about them // [Perceptiv](#) also does NLP to read and extract data from finance contracts // [SkoposLabs](#) predicts effects of law and policy // [Surukam](#) helps corporate legal teams automate their workflows and the decision-making process with NLP and ML // [Y Legal Reasoning](#)

Support Services

Signature Services [Adobe Echosign](#) is the well-respected granddaddy, modulo [some grumpiness](#). Competitors include [DigiSigner](#) // [DocuSign](#) // [e-SignLive by Silanis](#) // [HelloSign](#) // [Scrive](#) // [SignEasy](#) // [RightSignature](#) // [Secured Signing](#) // [Signatys also can send your signed documents to court](#) // and [dozens more \(see the full list\)](#) // **Notarisation** [Notarize](#) is an app // **Human resources** [Hiringplan](#) helps plan employment compensation

Other Interesting Things

Landscaping [Thomson Reuters has a LegalTech landscape](#) // [German LegalTech Mapping](#) // [Swiss LegalTech Mapping](#) // [LegalGeek Startup Map](#) // [Law Hackers](#) for a curated list of legal startups // [A Medium post](#) for some maps and classifications of services legaltech startups provide // [Stanford's CodeX list of LegalTech startups](#) // [Ambrogio's Legal Tech Startups list](#) // [tech.law.stanford.edu](#) // [AngelList](#) shows over a thousand startups in the legal category, but many of these are what

- LegalTech For Startups
- Industry-Specific Solutions
- Document Generation & Assembly
- Libraries & Repos
- For Lawyers and/or In-house Counsel
- Litigation
- Lawyer's getting in on the game
- Legal Marketplaces
- Competition in Legal Services
- Smart Contract Implementations
- Smart Statutes / Digital Legislation
- Contract Formalisation & Natural Language Generation
- Artificial Intelligence & Natural Language Processing
- Support Services
- Other Interesting Things
- Deadpool

Signature Services [Adobe EchoSign](#) is the well-respected granddaddy, modulo [some grumpiness](#). Competitors include [DigitSigner](#) // [DocuSign](#) // [e-SignLive by Silanis](#) // [HelloSign](#) // [Scrive](#) // [SignEasy](#) // [RightSignature](#) // [Secured Signing](#) // [Signatys also can send your signed documents to court](#) // and [dozens more \(see the full list\)](#) // **Notarisation** [Notarize](#) is an app // **Human resources** [Hiringplan](#) helps plan employment compensation

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Mmmm... a mix bag [Artificial Lawyer](#) is a blog covering the computational legal field // [CanLaw pivoted to LegalTech consulting, it seems](#) // [Ergo](#) // [LawForMe](#) is India-based, design-oriented, and aims to make the law and legal processes more available // [Lawyers On Github](#) // [LegalHackers](#) is a global movement for law and technology // [LegalTechLabs](#) is a LegalTech incubator // [Praktio by Michigan Law Professor, Michael L. Bloom](#) teaches contracting drafting, analysis, and negotiation // [Simple Rights](#) crowd-sources statute simplification // [QnA](#) is a DSL for conducting and displaying interviews // [Quegal intends to crowdfund the world's first live online pay-as-you-go legal advice service](#) // [An argument for opensource legal](#)

Deadpool

(we're certainly not the first to have come up with a deadpool, but these folks talked about it after us and it's at once hilarious, illuminating, and wonderful! Check out: [@butnickdavis piece for ROSS Intelligence](#) and [@alexkonrad's tweet](#))

To be clear, we're not entirely sure if these guys are defunct or just have broken websites. If we made a mistake, we do apologise. [Let us know](#) and we'll reinstate you up there!

[JustInvesting](#) wanted to move investing online // [Restatement](#) by Jason Boehmig, Tim Hwang, and Paul Sawaya // [Termsheet.io](#) (India & US) used to do incorporations and fundings, now they do [investment tracking](#) // [LegalHub](#) wanted to output documents into both human-readable (PDF, .doc) and machine-readable (JSON, XML) forms // [Caserails](#) // [Lawyerfy](#) used to do case management // [OxLegal](#) was a startup from Oxford University's accelerator that wanted to reduce the time lawyers spent on work // [LawEdge](#) // [Legal.CF.SG](#) wanted to provide free and open source templates to cofounders in Singapore // [DocStoc](#) // [LawKick](#) wanted to help you find the right lawyers at the right price // [Lawful.ly](#) wanted to give us plain language, annotated standard legal documents // [Lawpolis](#) wanted to build a collaborative community for lawyers // [IPStreet](#) // [Legify](#) // [Kagu](#) did business immigration help // [QuickLegal](#) provided on-demand legal advice and won the Techweek California App of the Year for 2014 // [Upcounsel](#) used to be a marketplace for legal services // [Ross Intelligence](#) used to help lawyers do research

- Formalising Contracts
- Formalising Regulations
- Modelling Performance
- Formal Verification of Smart Contracts
- Academia-Industry Partnerships
- Workshops & Conferences

Robert Edsall, 2018 // [Evaluation of Logic-Based Smart Contracts for Blockchain Systems](#) // A Short Paper on the formal verification of smart contracts, 2018 // A [Research Agenda](#) in the Validation and Verification of Smart Contracts by Daniele Magazzeni, Peter McBurney, William Nash, 2017

Startups include: [Adjoint](#) // [Kadena, with PACT](#) // [Tezos](#) // [Cardano](#)

Academia-Industry Partnerships

Harvard University's [Berkman Kein Centre for Internet & Society](#) // [PlainSite](#) // [Law.MIT.edu](#) takes a social-science approach to examining law: see [Dazza's video](#) // Stanford University's [Computational Law](#) // Stanford University's [CodeX Center for Legal Informatics](#) produces [a crop of startups every year](#) // Stanford University's [Computable Contracts Initiative](#) // the [Legal Informatics Research Network](#) // [Law OS](#), a research program on complexity and the law at the Santa Fe Institute // [The Law Lab](#) is an interdisciplinary teaching and research centre set up by Illinois Tech and the Chicago-Kent College of law, and focused on legal innovation technology // [Lexifi's MLFI was one of the earliest commercializations of financial contract formalisation](#) // [CommonAccord](#) // University of San Diego's [Centre for Computation, Mathematics, and the Law](#) // The [Accord Project](#) which was created by legal tech startup [Clause](#) and collaborates with the International Association for Contract Management, [Hyperledger](#), Clio, etc. // University of Swansea has a [Centre for Innovation and Entrepreneurship in Law](#) // University of Oslo has the [Norwegian Research Center for Computers and Law](#) // Osgoode Hall Law School at Toronto's York University is [preparing its students to compete against AI](#)

Workshops & Conferences

The biennial [International Conferences on AI & Law \(ICAIL\)](#) started in 1987 // Since 1988, the Foundation for Legal Knowledge Based Systems (JURIX) has held annual conferences on legal knowledge and information systems [JURIX](#); and since 2007, the [JURISIN](#) workshop runs alongside // [LREC2010 Workshop Proceedings](#) in 2010 // The Stanford Centre for Legal Informatics has been running the [CodeX FutureLaw Conference](#) since 2013 // [AI4J \(Artificial Intelligence for Justice\), 2016](#) // The [HackingLaw](#) series of conferences // 2017 saw the inaugural [Legal Geek Conference](#) in London // [MIT Legal Forum](#) // Singapore and its inaugural [TechLaw.Fest](#) in 2018

Some are more lawfirm-driven than others: // [ILTACON](#) // [ABA TechShow](#) // [Clio Cloud Conference](#) // [Lawyernomics](#) // the Law Society of Scotland's [Law and technology conference](#) // [LegalWeek in the US](#)

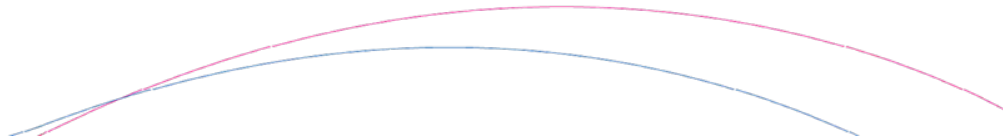
“

Well, all information looks like noise until you break the code

”

—Hiro Protagonist, the hero protagonist in *Snow Crash*
Neal Stephenson, 1992

How
People





EXCLUSIVE

VENTURE CAPITAL

STARTUPS

Clubhouse Gets Investment Interest at \$1 Billion Valuation

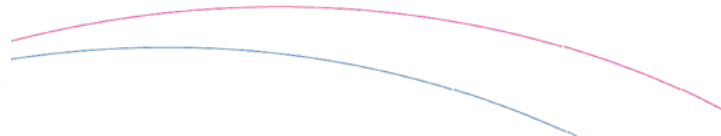
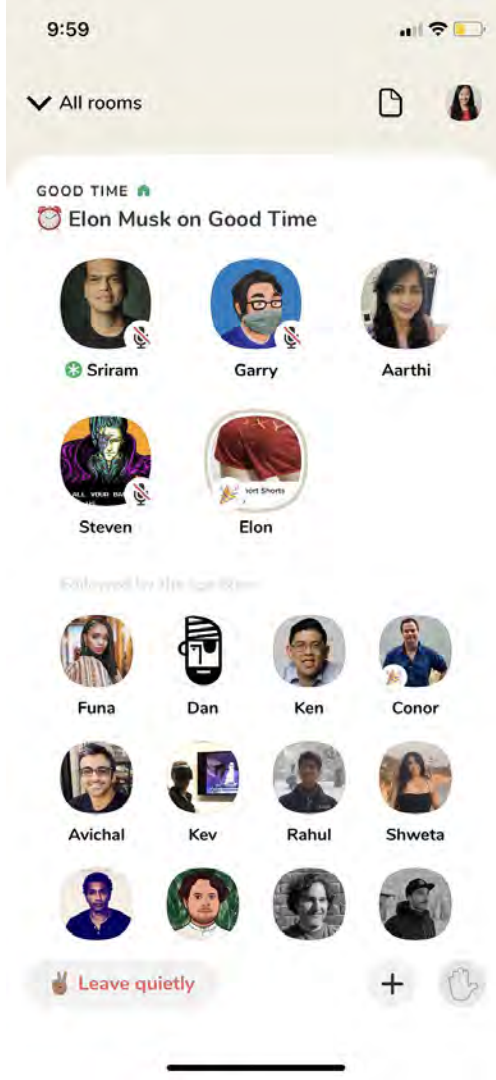
By Zoë Bernard, Kate Clark and Alex Heath | Jan. 22, 2021 6:24 PM PST

Photo: Clubhouse Co-Founder and CEO Paul Davison. Photo: Bloomberg

The race to invest in social audio app Clubhouse is on again. Venture capital firms have approached the startup's founders in recent weeks about leading its potential next round of funding at a roughly \$1 billion valuation, according to four people with knowledge of the discussions.

Investors also have tried to buy Clubhouse shares from existing shareholders at an implied valuation of \$1 billion, said one of the people. That figure is 10 times higher than the app's valuation from eight months ago following a hotly contested investment round, before it was even available on Apple's App Store. A new deal at a billion-dollar value would be unusual for a social media app at this stage of its life and would also reflect the broader increase in valuations for fast growing, privately

@Shuo_C





MAR 24

Fireside Chat with Keith Enright, Chief Privacy Officer at Google

by DECODE [Following](#)

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Fireside Cl... ith Keith Enright, Chief Privacy Officer at Google

About this Event

Join us on Wed March 24th, 7-8 pm PST to learn about overall industry insights and advice from Keith Enright, Chief Privacy Officer at Google.

Keith Enright serves as Google's Chief Privacy Officer and leads the global privacy legal team. He joined Google in March 2011. He has more than 20 years of experience in creating and implementing programs for privacy, data stewardship, and information risk management.

Prior to joining Google, Keith served as the senior-most privacy executive at two Fortune 500 online and offline retail enterprises, as senior consultant for a leading global consulting practice, and as General Counsel for a privately held advertising technology company.

Keith has been a featured speaker discussing online privacy and related subjects on NPR's Nightline, MSNBC's News with Brian Williams, CNN's NPR

Date And Time

Wed, March 24, 2021 7:00 PM - 8:00 PM PDT [Add to Calendar](#)

Location

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1. Why
2. What
3. How





Thank you



Shuo Chen

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