



IMPACT OF GLOBAL TECHNOLOGY TRENDS ON LOCAL LEGAL KNOWLEDGE PROFESSIONALS

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ashurst

the answer company™
THOMSON REUTERS®

EVERY MINUTE EACH DAY



400

hours of video uploaded by
YouTube users



833,333

new files uploaded by Dropbox
users



9,678

emoji-filled tweets by Twitter
users



2,400,000

searches run by Google users



99,206

questions answered by Siri



204,000,000

messages sent by email



110,040

calls made by Skype users

Email users send

42,301,440,000,000

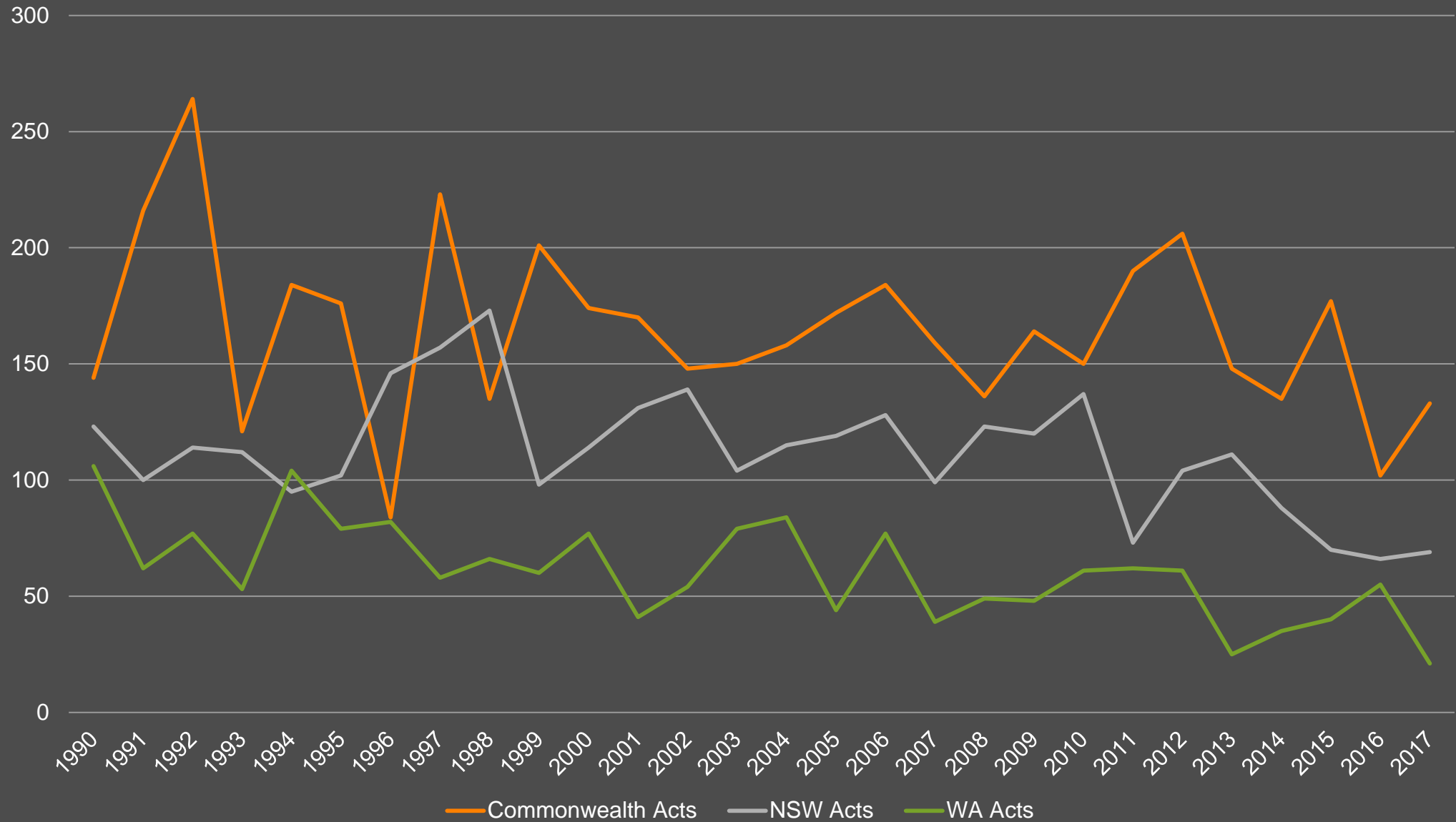
messages in one day.

Do these global tech trends apply to the Law?

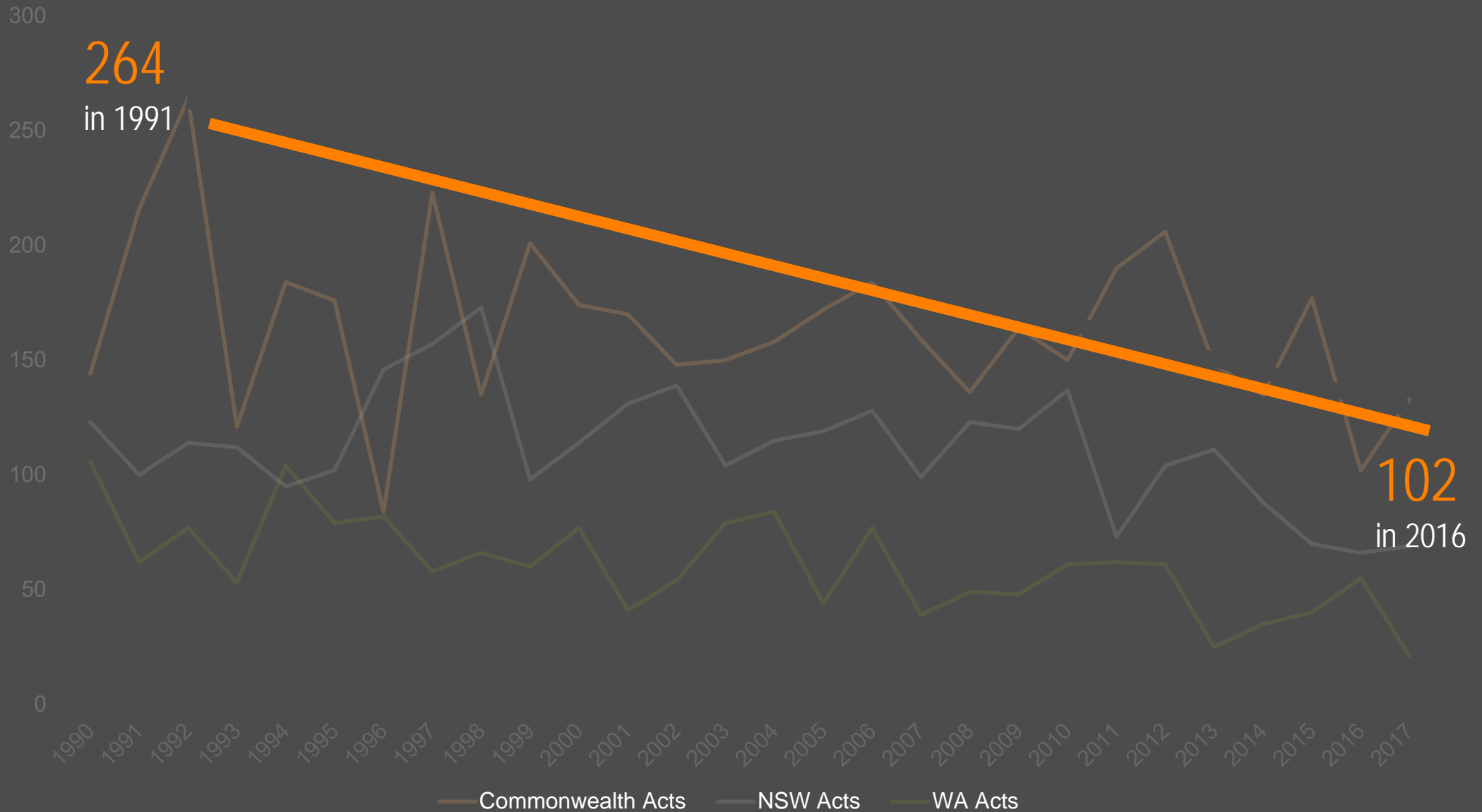
1. Is there more data and complexity?
2. Are legal tools, automation and AI on the rise?
3. Do we need different professional skills?

IS (UNSTOPPABLE) GROW IN LEGAL
THERE (LE) TH INFORMATION?

Australian legislation

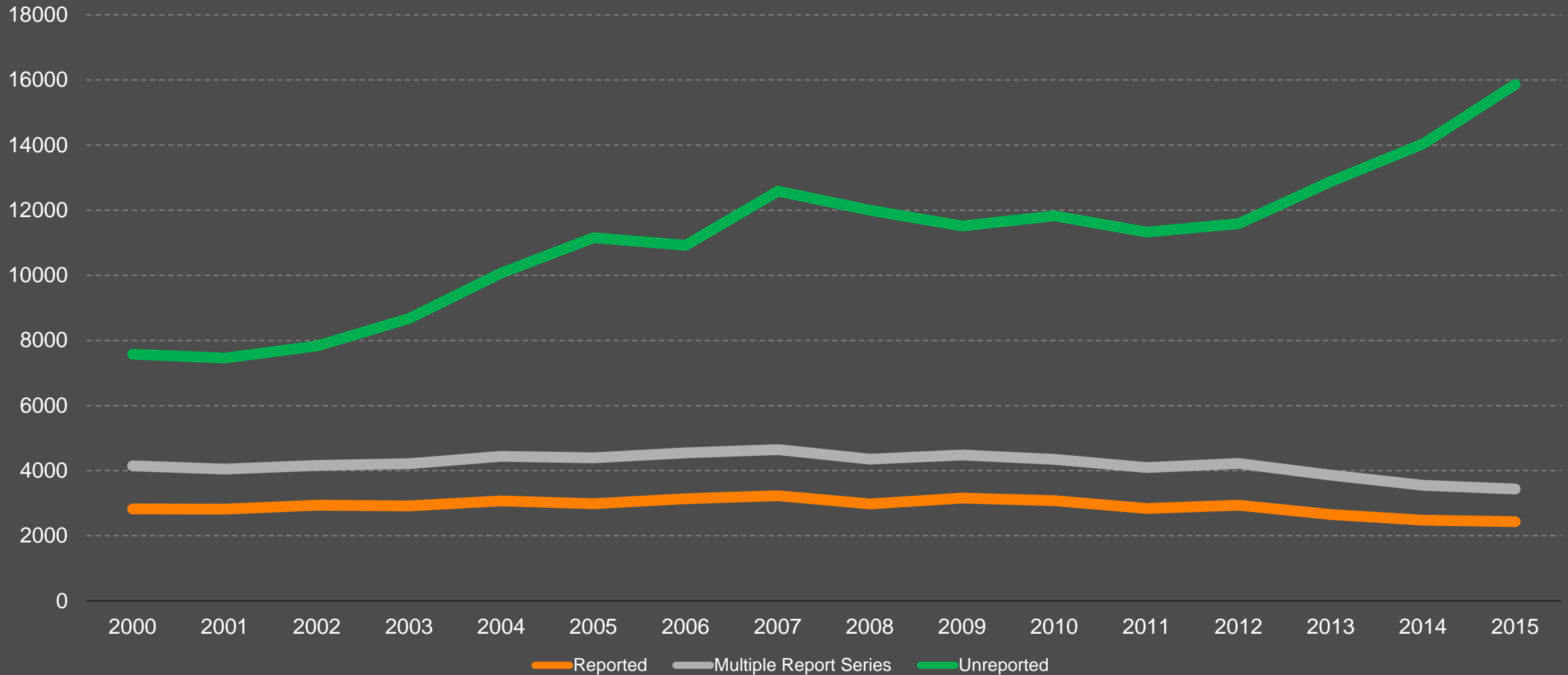


Australian legislation



Australian caselaw

Reported, multiple instances of reported and unreported cases



PRIMARY LAW ... IS THERE (UNSTOPPABLE) GROWTH?

- 🚩 Legislation – the data growth is pretty stable **NO**
- 🚩 Reported Cases – the data growth is pretty stable **... NO**
- 🚩 Unreported Cases – the data is growing **... MAYBE?**

Signal and noise



“... if the quantity of information is increasing by 2.5 quintillion bytes per day, the amount of useful information almost certainly isn't.

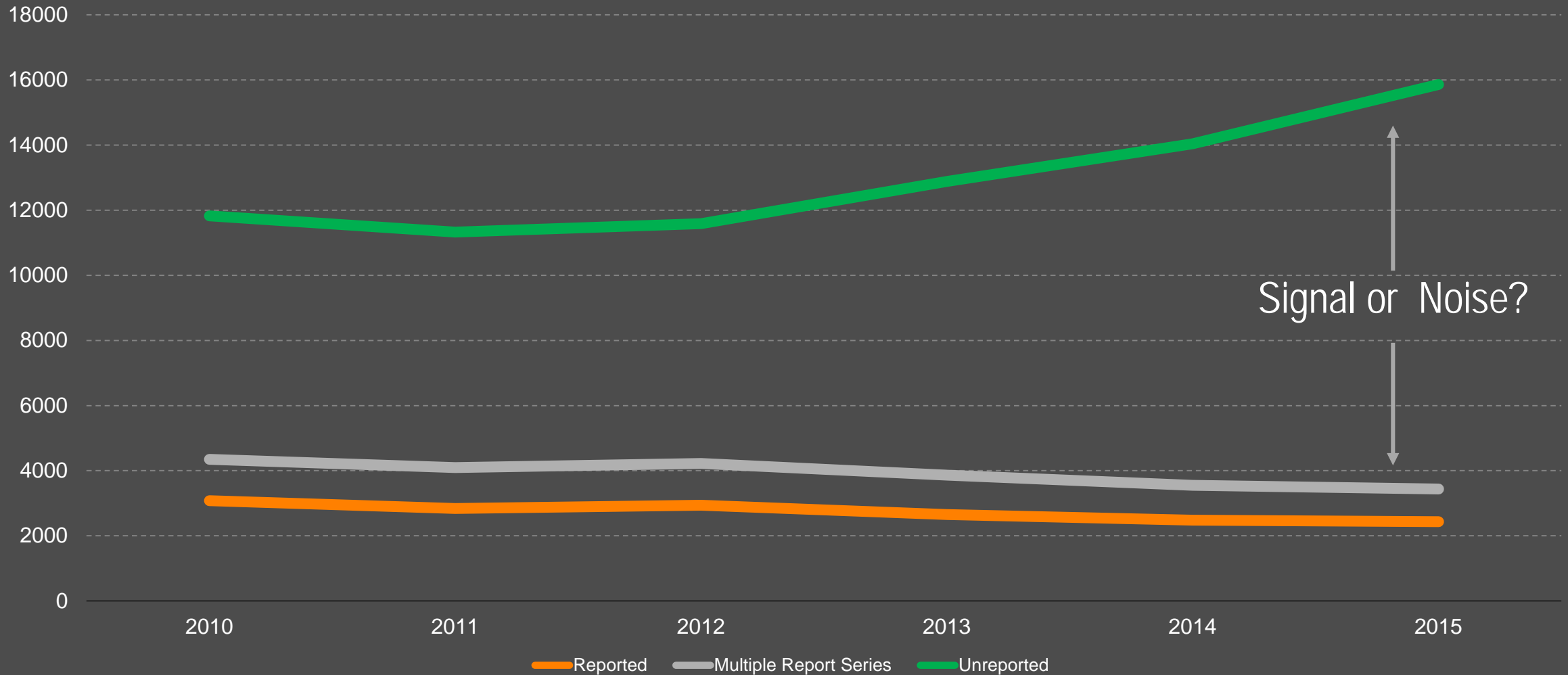
Most of it is just noise, and the noise is increasing faster than the signal.”

Nate Silver

The Signal and the Noise: Why so many Predictions Fail – but some don't

Australian caselaw

Reported, multiple instances of reported and unreported cases



**PRIMARY
LAW**

**... IS THERE (UNSTOPPABLE)
GROWTH?**

SIGNALS?

Growth in unreported cases

USEFUL?

Yes

PREDICTIONS

- Business development goals will increase
- Growth in legal trends analysis
- Data science skills will be in demand

ARE LEGAL TOOLS, AUTOMATION AI ON THE RISE?
AND

Legal start-ups and new stuff

Business Development / Marketplaces



Litigation Funding



Legal Education



E-discovery



Legal Tech Startup Landscape



Practice Management



Legal Research



Case Mgmt



Document Automation



Contract Analysis



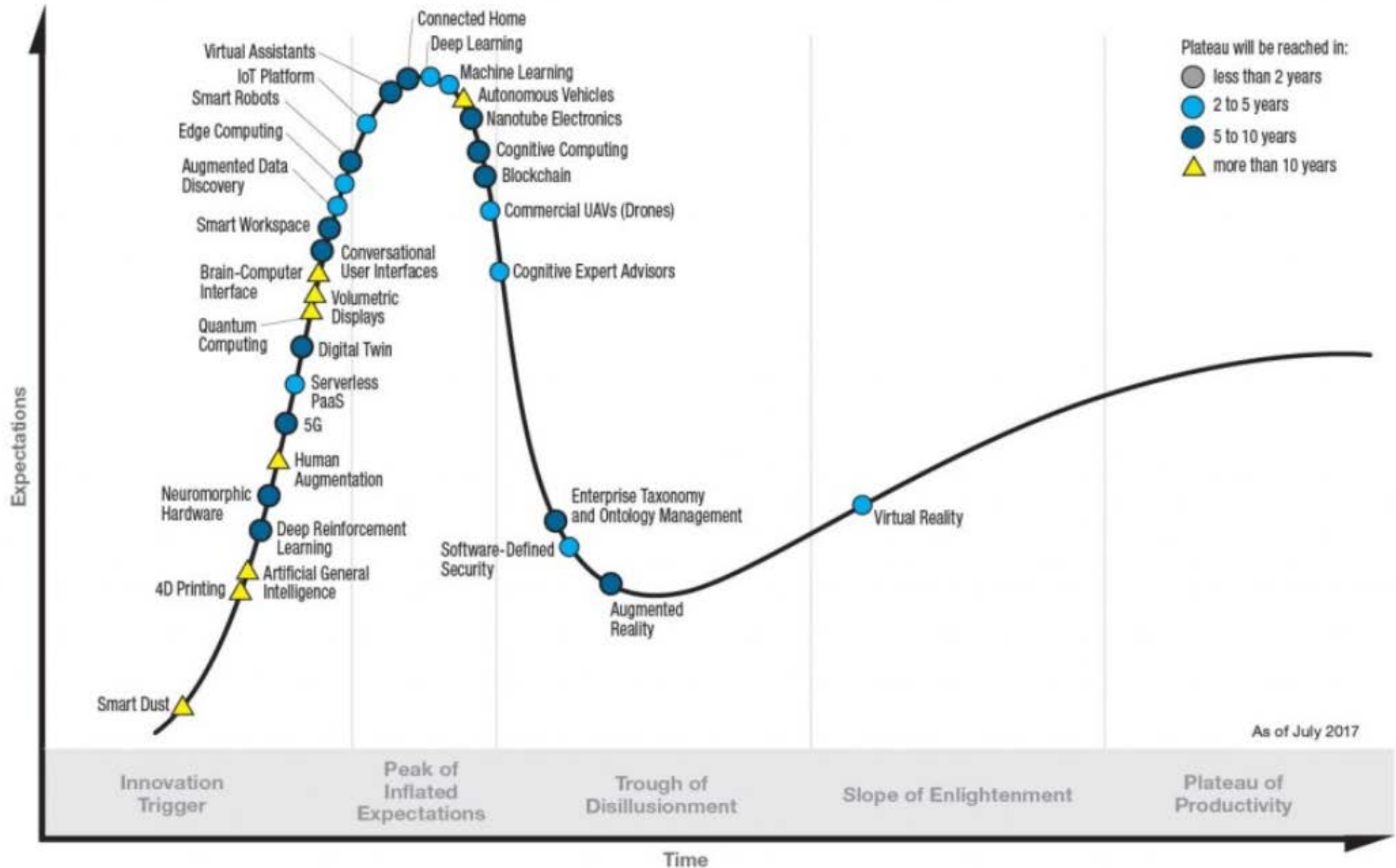
Consumer



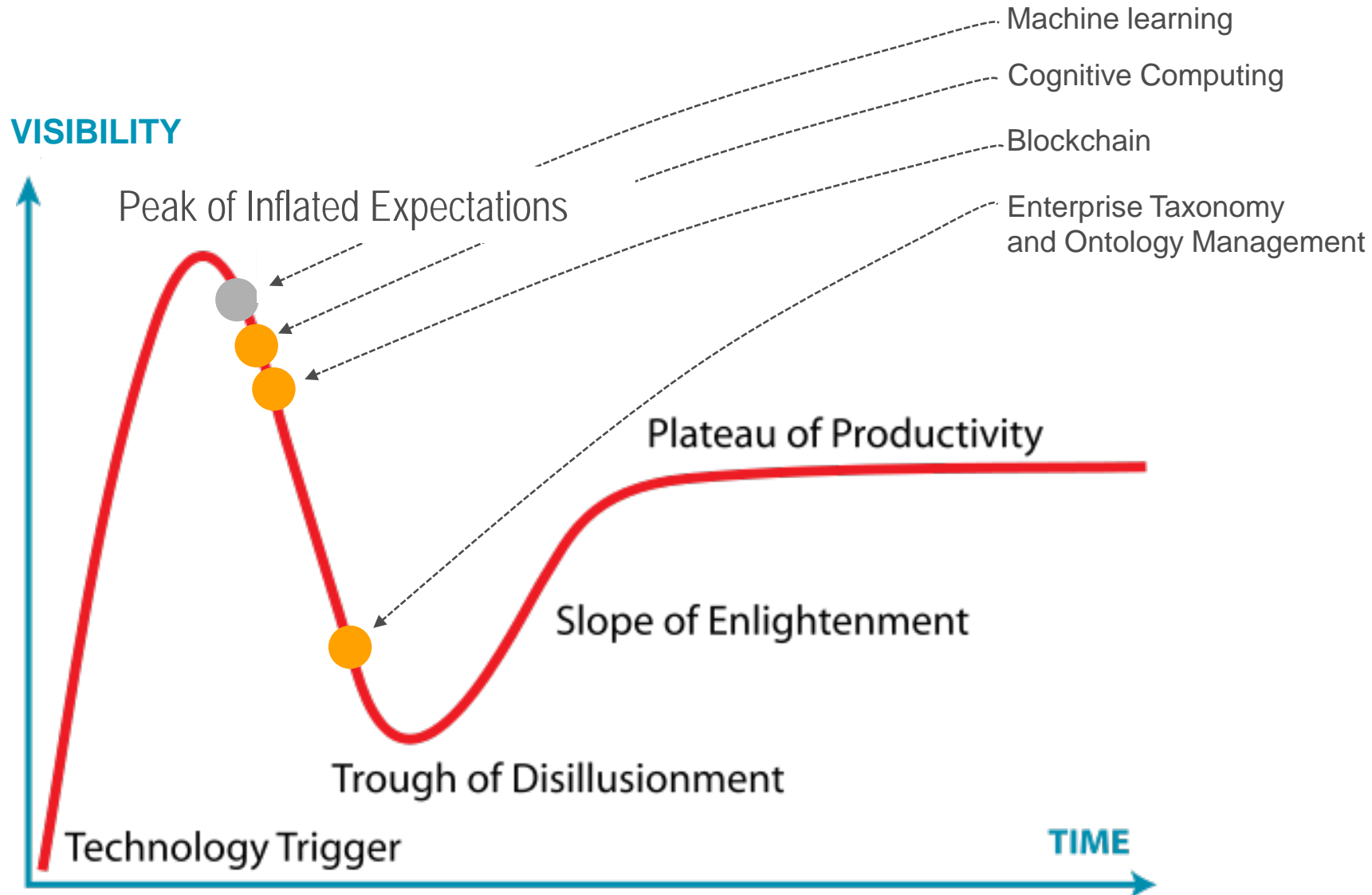
Online Dispute Resolution



Hype cycle



Hype cycle impacting Legal?



TIME TO REACH THE PLATEAU:

● 2 – 5 years

● 5 – 10 years

ARE LEGAL TOOLS, AUTOMATION AND AI ON THE RISE?

 Legal tools – start ups, consolidation

 Automation

 AI

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ARE LEGAL TOOLS, AUTOMATION AND AI ON THE RISE? SIGNALS?

Growth!

USEFUL?

Yes

PREDICTIONS

- Focus more on legal practice, less on administrative tasks.
- Increasing automation of simpler transactional work, driving lower prices for these activities.
- Lower value, high volume activities moving from firms into alternative legal services.

DO WE NEED **NEW
PROFESSIONAL SKILLS?**

95%

of business leaders believe that AI will impact human jobs by 2030

Technological Opportunities



- AI – machine learning & cognitive computing
- Taxonomy management
- Automation
- Working with Big Data

Discovery platform architects

Bridging expansion and practice

SIGNAL



Expanding
information
demands

PREDICTION



Business models,
tools and skills need to
evolve

SKILLSET



Discovery platform
architects

Automation architects

Streamlining recurring legal work

SIGNAL



Pressure to do more
for less

PREDICTION



Wide scale implementation of
document automation
systems

OPPORTUNITY



Automation architects
driving quality, consistency
and opportunity

Legal quants

Using data to drive legal decisions

SIGNAL



Expanding information
governance related to clients
and matters

PREDICTION



Growing use of predictive
technologies

OPPORTUNITY



Big data analysis
and "training"
technology

Knowledge capture

Capturing and managing insight

CHALLENGE



Expanding data
production within
organisations

PREDICTION



Evolution of knowledge
management
systems

OPPORTUNITY



Architecture of
custom data sets



Questions?