

GenAl Disruption in White Collar Strongholds



A rude awakening: white collar businesses are often complacent about the 'defensive moat' the complexity of their work provides against GenAl

Common GenAl 'Myths' for White Collar Businesses

Evidence to the Contrary

GenAl cannot do 'my' type of work LLMs are developing rapidly – OpenAl's ChatGPT has advanced significantly in the space of a few years, e.g. GPT-2 (2019) had 1.5bn parameters, but GPT-3 (2020) had 175bn; GPT-4 was the first model to feature internet connectivity significantly boosting its capabilities

My proprietary data will be my defence mechanism

Costs and complexities of fine-tuning currently put "data lake" benefits out of reach for most businesses – even after significant investment and internal AI headcount, hallucinations and performance issues are worse where the tool is fed with private / proprietary data (as shown by high-profile struggles of Bloomberg GPT)

Data security means GenAl can't do my work

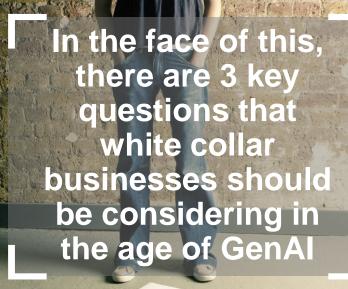
Scale players are developing **private LLMs running off ringfenced data sources** – e.g. EY's EYQ chatbot that is fully private

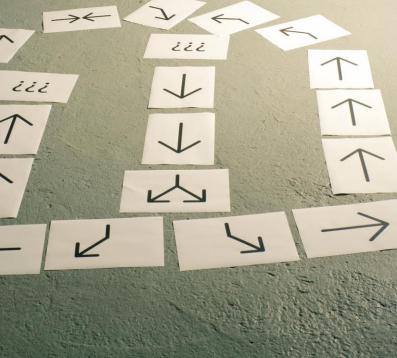
Lower cost to serve means more demand for my services

In some scenarios demand increases driven by lower cost to serve will drive volume increases (e.g. translation). However, **this is not always the case** (e.g. court reporting) and it is not self-evident that incumbents are best placed to win the incremental demand that is created

Common Complacencies

These are sometimes true, but not as often as people tend to think





Key Questions in the Age of GenAl



Where and how is GenAl going to impact my business?



What is the nature of the competitive threat that I face, and how do I create sustainable competitive advantage?



Even if I can be front-footed on GenAI, what are the implications for my business, commercially and operationally?



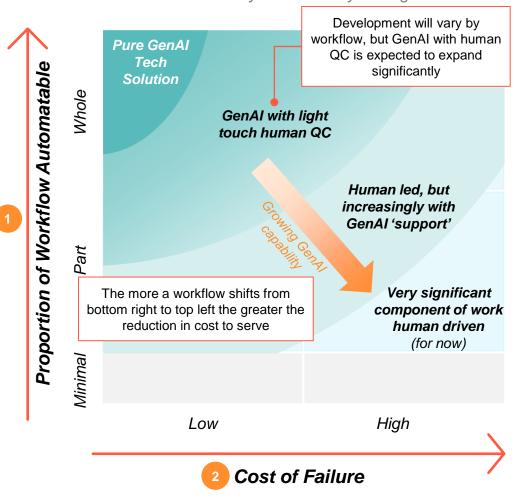
What is the right speed for me? Should I leave others to lead the way and act as a fast follower? What are the risks of doing so?



At a basic level, impact of GenAI is determined by proportion of a workflow it can automate and customer willingness to adopt (driven by cost of failure)

Map of GenAl Impact on a Given Workflow

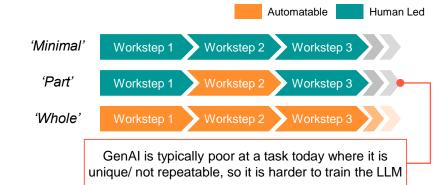
Workflows assumed to be done by Humans ~3 years ago



Proportion of Workflow Automatable

 Composite function of how good GenAl is at a given task, and extent of bundling of that task into a wider workflow which is harder to automate

Illustrative Workflows (Series of Worksteps/ Tasks)



Cost of Failure

 Concerns around risk and regulation inhibit GenAl usage today, especially given unclear accountability (for example need to have clear audit trails)

It is highly unlikely that an incumbent's revenue sits in a single place on this framework: the nature and level of threat will vary by segment

Source: OC&C analysis

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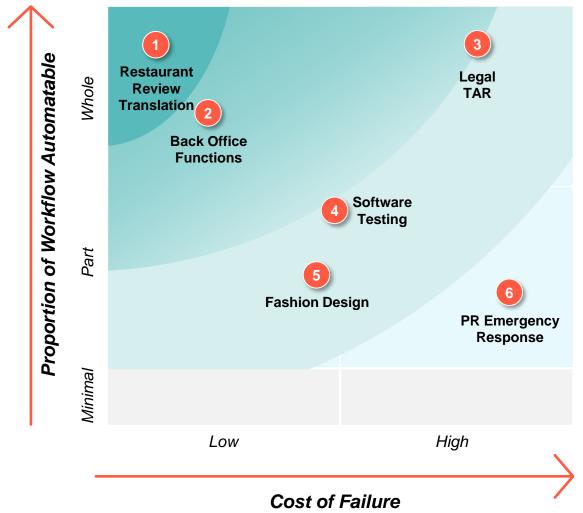




Professional services' workflows span the full breadth of both these axes – understanding where a business sits across them is a key first step

Map of GenAl Impact on Example Workflows

Illustrative



Example Workflows

- Restaurant Review Translation
 GenAl translation services are much faster than human led and are typically more accurate
- Back Office Functions (e.g. Accounts Payable)
 GenAl can significantly automate some back-office
 functions improving the precision & speed of
 repetitive tasks
- Legal Tech Assisted Review ('TAR')

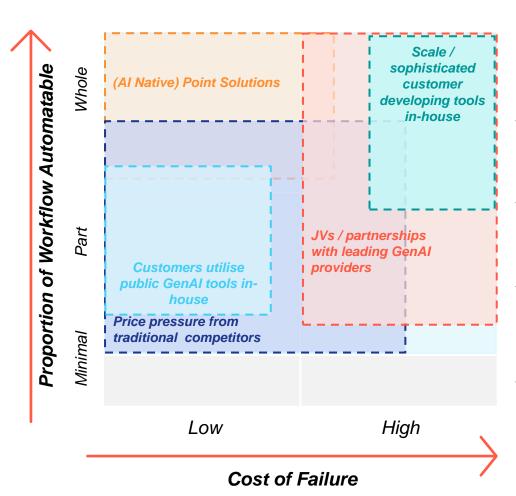
 Faster than humans, but humans are required to train the ML algorithms & perform QC checks
- 4 Software Testing
 GenAl can do elements of repeatable testing,
 though humans still lead on test design & ideation
- Fashion Design
 Elements are automatable, but still requires human involvement beyond QC checks
- 6 Public Relations Emergency Response
 Reliant on building relationships & people skills,
 so harder to automate, and these skills are key
 differentiators

GenAl enables some tasks which were either not possible previously, or were uneconomical to do with humans



The competitive threat created by GenAI is not uniform – with different competitors more likely to win in different segments

Nature of Competitive Threat



(Al Native) Point Solutions can 'pick off' E2E automatable workflows, but lack trust for high cost of failure tasks, and domain knowledge for more complex workflows

Threats

qualtrics.[™]

Examples

Traditional competitors can pass on savings to customers by leveraging Gen AI tools (delivering the same 'job volume' for less money by automating **part** of workflow)



Customers can deploy public tools on an 'ad hoc' basis to improve their efficiency (but are unlikely to trust outputs for high cost of failure tasks)



Sophisticated customers will be able to invest in proprietary GenAl tools to tackle their domain, or more sensitive work; this is more likely to lead to full automation of workflows than ad hoc usage



Incumbents with JVs/ partnerships with leading GenAl providers are well equipped to deal with the highest cost of failure tasks given their ability to add experienced human capital to the technology solution



Source: OC&C analysis

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All is not lost, but incumbents need to identify what advantages will help them hold off the specific threat they face

GenAl Defensive Levers

Incumbent Assets & Capabilities

Paths to Win Competitive Battles

Defensive (or Offensive) Plays By Battle



 Leverage strong customer relationships and domain knowledge to ensure you are positioned between point solution and customer in value chain (e.g. acquire/ incubate/ partner)

Traditional Comps

- Invest to lead on GenAI, to set rather than follow the price curve
- Consider adjusting monetisation model, to ensure being paid for value delivered

Customer using public tools

 Communicate value of your experience, synergies and learnings from broader industry experience

Customer using own tools

 Invest to be ahead of the curve; replicate previous arguments to win vs in-house: "there are clear synergies with my other customers, so marginal cost of working with me is much lower, and I have the breadth of experience to do this better"

Partnerships / JVs with GenAl providers

- Leverage domain specific knowledge to compete against generalists
- Seek own partnerships with leading GenAl players







Domain Expertise

Source: OC&C analysis



Successfully building GenAl capabilities is not enough – to benefit from these new capabilities there are five key questions that need answering

Challenges of GenAl Enablement

My customers are banking the efficiency gains, but I am footing the bill to invest I am concerned my clients are **Commercial** capturing all the benefits of **Challenges** GenAl efficiency gains Interlinked challenges, I have invested in GenAl and where #1 primarily Tech Stack thought I was ahead, but it is impacts top line, and **Challenges** #4 impacts headcount moving so fast I now feel behind & job requirements (and the curve therefore associated costs) **Operational** Challenges 3 I am concerned about my pyramid: I don't need my juniors, but they are the 'future seniors' Efficiency gains mean my employees are underutilised, so my margin is dropping

GO.



Professional services' firms are not always great at innovation often leading to an attitude of "wait and see" – this is not always a bad thing

Slow vs Fast - the Pros and Cons

The challenges of corporate
venturing/innovation can be particularly stark
in Professional Services

- All corporates can face challenges when it comes to innovation:
 - Concerns about putting capital at risk
 - No obvious innovation owner
 - Day-job getting in the way of tests and trials
 - Wrong KPIs being tracked during MVPs and/or poor data/no data to track
 - MVPs not being scaled even if they prove successful
 - Unwillingness to pause/end trials even if shown not to deliver a benefit
- These challenges can be exacerbated in some Professional Services businesses:
 - Resistance from employees (both junior and senior) in changing how they deliver work
 - Partner model not conducive to capital outlay
 - Belief that they are insulated from GenAl impact (see page 2)

Opportunity Type	Advantages of Waiting	Advantages of Immediate Action
Productivity & Effectiveness	 Adoption of more intuitive technologies with less resistance Integration of advanced technologies requiring less user training 	 Early learning curve mastery leading to long-term productivity Development of proprietary knowledge through user training Influence future technology usability standards
Business Function Improvement	 Cost savings from competitive vendor solutions Learn from early adopters' challenges to refine internal deployment strategies 	 Earlier benefits from functional optimisations Establish leadership in operational efficiency Potential to guide vendor technology roadmaps
New Features & Disruptive Propositions	 Reduced risk from observing market validation Strategic entry after evaluating market's critical success factors 	 First-mover advantage in setting market trends Early insights into critical success factors for disruptive technologies Potential to define industry standards



Ability to "wait and see" is partly driven by cost of failure and automatability

When is it Safe to Wait?

You are more likely to be able to wait and see if...

Cost of failure is perceived as high – this makes it less likely that client behaviour will evolve quickly

Gains from GenAl today are limited (e.g. some efficiency gain not full automation) meaning competitive advantage/benefit from being ahead on GenAl will tend to be modest

Clients are not tech natives – more likely to look upon GenAl with nervousness rather than excitement (and therefore less likely to privilege suppliers leading on innovation)

Competitors are not actively innovating/lack the capabilities and investment to do so - limits risk of falling behind

There are regulatory concerns/barriers to innovation – this also likely creates an opportunity to play a role in driving thrust of future regulation

You lack the internal capabilities to drive innovation and experimentation – likely makes fast following lower risk approach than driving ahead with weak capabilities

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