"How can we all act like Ukrainians when faced with how best to destroy a Russian tank?"

At GB 2 Earth, a **systemised approach to enhancing human intuition on the battlefield plays to existing human strengths**.

We believe in what we call **"human primacy": building tech that serves humans now**, instead of selling a tech which may substitute humans one day.

But clearly not today ...

- 9/11 happened because terrible humans used tools as extensions of their intentions.

- Hamas were able to do what they did in probably the most machine-surveilled region on the planet because they understood the limitations of a total "machine-primacy", and the strengths of using a creative criminality.

- Russia's military might is being kept at bay by Ukrainians using machines more intelligently than their opponents.

https://gb2earth.com/primacy

Logo of paying client

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GB 2 Earth
privacy sensitive innovation

Achieving consistently quicker-acting battlefield responses from your people.

On the big occasions, **humans extended by machines ALWAYS beat machines extended by humans**, hands down. Intuition and creative criminality *are* datasets.

And there is **no bigger occasion now than Putin's Russia**.

- Along with its ally China, **cognitive warfare has become the new domain**.

- Cyber-attacks and subversively stealthy hacks that imperil Western utility infrastructures, without us realising they are already in peril, are becoming commonplace.

- But what happens if this cognitive warfare leaks into the real world, too … the streets where citizens walk every day … and so from the battlefields of Ukraine to the cities of Europe and their parliaments, where the balance between one side and the other – whether citizens or soldiers – depends on how quickly your intuition is able to anticipate and validate the enemy's actions?

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- **Where cognitive warfare is, in fact, no longer just a matter of social networks** encouraging people to stalk each other, bully each other, lead families to despair, and individuals to suicide …

- **Where cognitive warfare – how you understand your intuitive side, and then realise one day you can actually enhance and expand it systemically** – will make the difference between a future for Western democracies and similar … or no future …

- **And where all this happens not only in the digital networks of the Facebooks and formerly Twitters of this world; not only in the Sellafields, still insecure years after being hacked by hostile nation states; but also on the battlefields of Putin's misadventures**, where a CCTV camera in a coffee-shop, cleverly chosen and hacked into, can detect the direction and location of a supposedly secret weapons convoy …

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All this and more is what this presentation is about: but specifically focusing on the terrorist state of Putin's Russia, and its increasing attempts to turn everywhere into a battlefield, using a terrifyingly creative and long-term criminality.

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The Russian terrorist state, cognitive warfare on the battlefield of everywhere, and how to fight back

Contents

How to systemise & enhance human intuition on the battlefield of everywhere:

1. *Evolutionary tech, with revolutionary impact.*

2. *"Human-primacy" software & wearables.*

3. *"Privacy sensitive to privacy positive" architectures.*

4. *Intuition enabling.*

5. *Specialism connecting.*

6. *New recruit-friendly, rapid onboarding.*

7. *Super-fast upskilling and retraining.*

8. *Enhanced mission-critical thinking.*

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Achieving consistently quicker-acting battlefield responses from your people.

How to systemise & enhance human intuition on the battlefield of everywhere:
1. Evolutionary tech, with revolutionary impact.

General Purpose Technologies (GPTs) are the most sought after of all new technologies: they do what it says on the tin.

If you create one that truly *is* a GPT, it can be applied to every single process in every single human activity, ever.

Generative AI is supposed to be a GPT, but GPTs can exist anywhere – and one day a new one will knock them all for a six. Even email ...!

We believe we have found this new one: we call it **"intuition validation"; it's built out of existing tech**, and therefore low-risk to develop & implement. It's equally easy to integrate into all your existing software & hardware investments.

Investor slide-deck — GPT #1: HMAGI

Our first General Purpose Technology is a **repurposed version of existing AI and AI-similar tools**. We call it **HMAGI: human/machine AGI**. Even so, it's based on existing and cost-effective technologies:

- https://gb2earth.com/hmagi | the #hmagi online whitepaper with videos

In simple terms, technologists have always defined progress in terms of machines: machines continually have their goalposts moved by companies working in such fields. And the purpose of machines, more and more, **at least in IT –tech and related, is not to expand human capabilities but substitute them**. (Movie-tech has spent its 100 years differently: we've already mentioned this.)

Humans, on the other hand, are seen as **being static: to be caught up inevitably by machines and their masters**. We never seem to have goalposts that are moved, nor human benchmarks which could be improved upon.

We want to change this: by **tweaking in an evolutionary way, but with a revolutionary impact**, existing technologies such as generative AI and other related AI-similar tools, in order that **humans can fight crime as creatively as the criminals**.

How to systemise & enhance human intuition on the battlefield of everywhere:
2. "Human-primacy" software & wearables.

Our GPT has one guiding principle: **intuition is vulnerable to aggressive inspection**.

It won't show itself in an enhanced and optimised manner, unless it has the time to properly reflect on its own terms – even where this time is simply a millisecond of mission-critical thinking – before sharing itself with the world.

We argue that the history of IT-tech has developed only one approach to data: what we call outside-in. The data subject is watched, their data stored and assessed by a data expert ... and never the twain shall meet.

We need to shrug off "machine-primacy" approaches if we want to systemically enhance human intuition on the cognitive-warfare battlefield of everywhere. We need to be free to imagine *anything*.

Otherwise, all we do is break intuition via a total surveillance that inhibits freedom of thought in ourselves without preventing the creative criminality of the Putins and Hamas of their terrible world.

"One massive tech industry has used 'human-primacy' approaches from the start: in the film industry, microphones, cameras, film language, scenery and mise-en-scene ... all are technologies placed at the service of humans, designed precisely to make us more important, not automate us away from playing to our strengths.

If we can do this in the movies, why NOT in IT-tech too?"

How to systemise & enhance human intuition on the battlefield of everywhere:
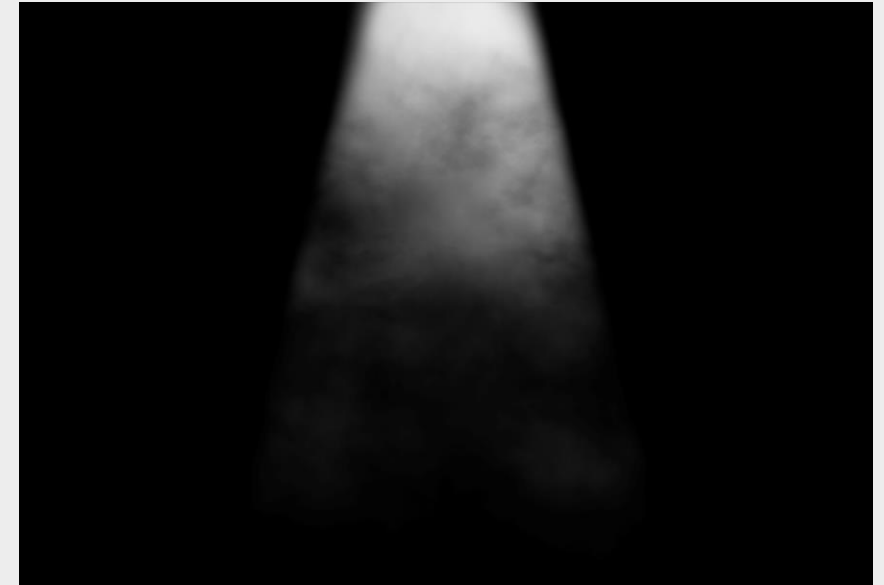*3. "Privacy sensitive to privacy positive" architectures.*

Our GPT – intuition validation – **requires privacy-positive and related architectures**, in order to deliver the trust and confidence the data subject needs from their tech tools to feel able to plumb their deepest levels of intuition – however terrifying the thoughts may be.

Why do we need our soldiers and field operatives to begin to use such technologies?

Because our enemies clearly are using them, already.

https://sverige2.earth/lab

- https://sverige2.earth/workstream-a
- https://sverige2.earth/workstream-b
- https://sverige2.earth/workstream-c
- https://sverige2.earth/workstream-d

https://www.secrecy.plus/fire | https://youtu.be/pTyEZQmUs08

From the dawn of crime, here's the question we have failed to satisfactorily answer:

"Why are humans the strongest link in criminality but considered the weakest link in security?"

secrecy.plus
nonconformist | secrecy +ve | totalsurveillance-compliant

How to systemise & enhance human intuition on the battlefield of everywhere:
3. "Privacy sensitive to privacy positive" architectures.

Hamas; Putin's Russia's invasion of Ukraine, and the consequent dislocation of Western values and economies; and then 9/11 … all show **supreme human creativity at the clear service of the worst inhuman instincts**.

A creativity our machines, using humans as mere extensions of the same, are not protecting us sufficiently from.

We need to think *everything* when creatively fighting a cognitive warfare on the battlefield of everywhere.

Why?

So that we don't just learn how to reverse-engineer tragedies *after* the event but start, sooner than later, to forward-engineer them *before* they happen.

Even on the cognitive warfare battlefields of everywhere.

And especially on the battlefields of Ukraine.
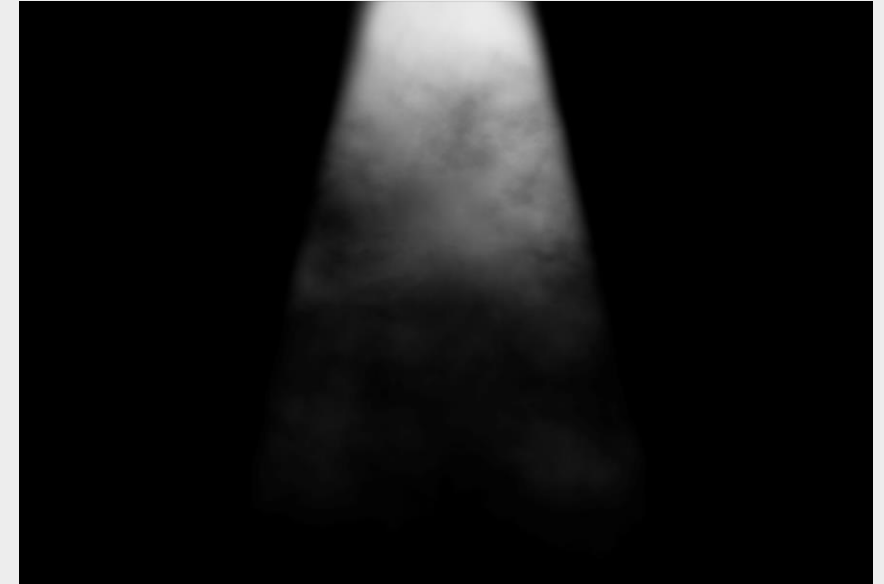
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How to systemise & enhance human intuition on the battlefield of everywhere:
4. Intuition enabling.

We start from the assumption, already expressed, that **our GPT, which we call "intuition validation"**, involves sometimes **fragile ways of thinking**.

We don't mean emotional or emotive, though.

We believe the emotional baggage that intuition often has attached to it comes from the frustration, a posteriori, that the data subject feels, when something they intuitively know to be true cannot be validated objectively to the satisfaction of other observers or specialists involved in the process.

Intuition (sometimes called a hunch or a sixth sense) is a dataset which the **military, security, law enforcement, education, law & criminal justice, mental health, and healthcare & socialcare**, as well as many other areas of mission-critical human activity, all know to be just that: a dataset.

"Why doesn't data science change its approach? Why NOT examine how the professionals and sectors mentioned in the last paragraph on the left work with intuition – and then begin to ask … why don't we work with it – and them – too?"

How to systemise & enhance human intuition on the battlefield of everywhere:
*5. Specialism connecting.*

Let's take one of the areas previously mentioned: **the military**.

The processes are complex, just like the movie industry.

They involve machines which humans have to learn how to use. In the case of film, where incompetently, a lot of money is lost. **In the case of the military, a lot of lives**.

But like any field of human endeavour, competitors are many. What makes the difference isn't the machines, where everyone has just about the same ones.

What makes the difference is how the different **human parts** learn to do more with the **machine parts** than the inventors of the latter ever imagined.
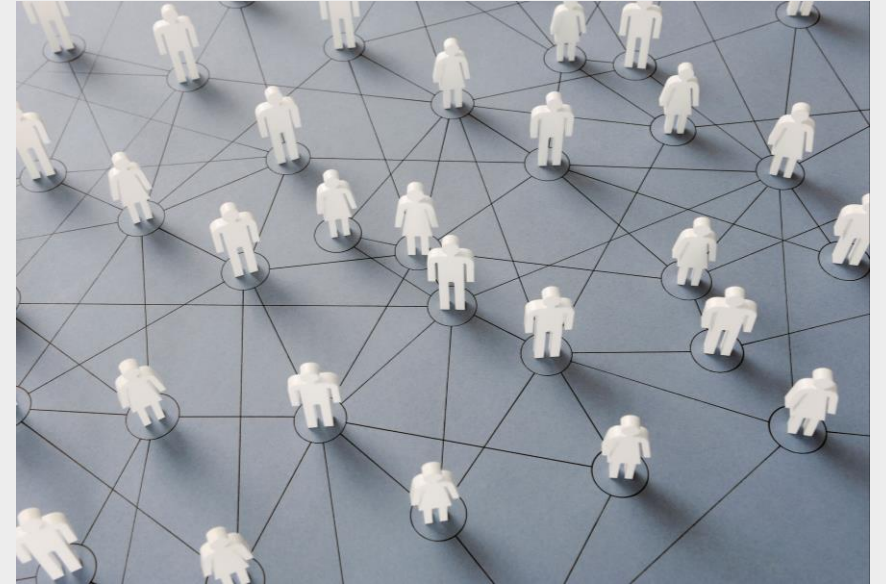
"But what happens when the technologies are designed specifically to automate humans – wherever possible – out of the creative interactions otherwise possible with the same?
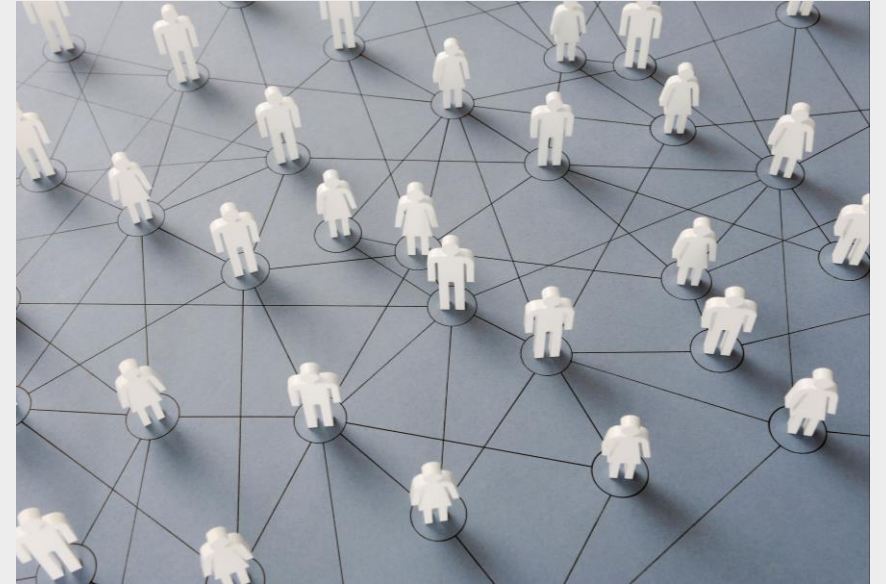
Where do any options for creative intuition lie at all?"

How to systemise & enhance human intuition on the battlefield of everywhere:
5. Specialism connecting.

If, that is, the **machine parts** are made to enable the **human parts** to easily go "off-script". But what if the machines are designed to make humans less necessary – systemically so?

In such circumstances, then, not only do we limit the fluid interactions between humans and their machines, but we also make it harder for different specialist humans to work seamlessly with and alongside other specialist humans.

"And what happens if this cognitive warfare leaks into the real world, too … the streets where citizens walk every day … and so from the battlefields of Ukraine to the cities of Europe and their parliaments, where the balance between one side and the other – whether citizens or soldiers – depends on how quickly your intuition is able to anticipate and validate the enemy's actions?"

How to systemise & enhance human intuition on the battlefield of everywhere:
5. Specialism connecting.

And in the case of military operations on the cognitive-warfare battlefields of everywhere, where every object and human and act, whether seen or seen, becomes a threat with timelines many of us never suspect, what then?

Well. Maybe NOT being able to freely integrate intuitive insights – or having them in order to use in the first place – when operating a machine in a complex process with our colleagues, means **we don't understand fully the risks we might be incurring**.

At least, whilst the enemy doesn't seem to be doing it.

"And what happens if this cognitive warfare leaks into the real world, too ... the streets where citizens walk every day ... and so from the battlefields of Ukraine to the cities of Europe and their parliaments, where the balance between one side and the other – whether citizens or soldiers – depends on how quickly your intuition is able to anticipate and validate the enemy's actions?"
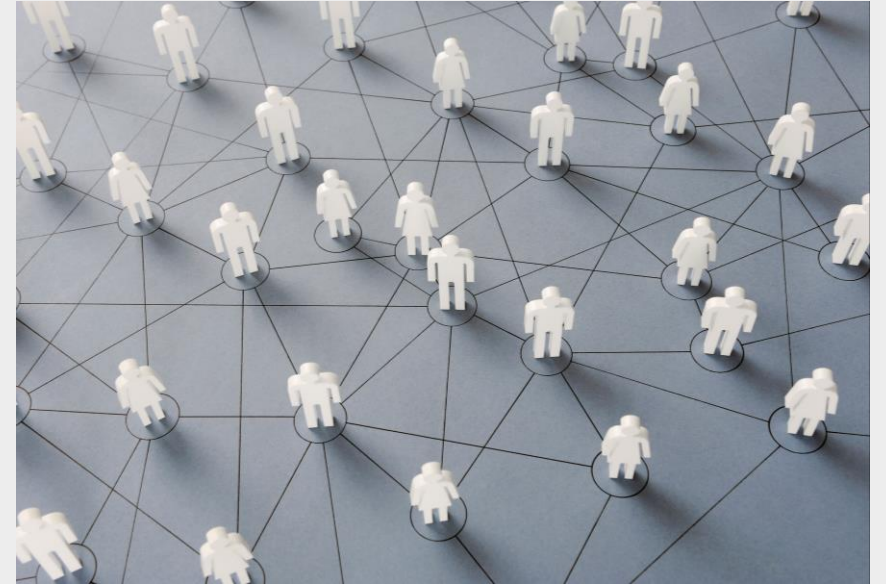
How to systemise & enhance human intuition on the battlefield of everywhere:
*5. Specialism connecting.*

And then again, equally, even if the enemy weren't doing it, we wouldn't understand what we might be missing out on, **by *not* enabling our more intuitive sides**.

One example.

Russian tanks and new ways of using Ukrainian drones.

In a warfare with unlimited resources, who cares if the kit gets back in one piece? But the Ukrainians have *never* had this luxury.

The Ukrainians are teaching the rest of the world that wars can be fought successfully using humans who choose to extend themselves with their machines, instead of machines which blast humans out of existence. Or not, as the case may be.
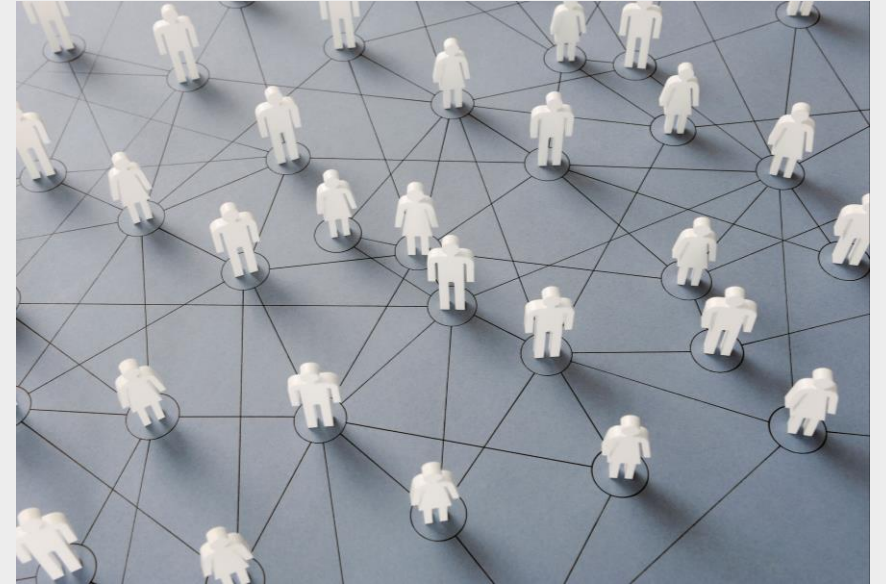
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How to systemise & enhance human intuition on the battlefield of everywhere:
5. Specialism connecting.

In the case of the Russian tanks, a **Ukrainian drone has been designed to attack it to the extent that its occupants jump out and run for their lives**.

By so doing, the Ukrainians noted these occupants inevitably left the turret open. In a Russian tank, the shells are stored around this turret.

The Ukrainians proceed to invent a facility *and* a procedure to follow up the attack on the tank by hovering their drone over the hole thus left, dropping a grenade into it, and then whooshing the drone up vertically to ensure the ultimate destruction of the tank and the safe return of the valuable drone to base.

"And what happens if this cognitive warfare leaks into the real world, too ... the streets where citizens walk every day ... and so from the battlefields of Ukraine to the cities of Europe and their parliaments, where the balance between one side and the other – whether citizens or soldiers – depends on how quickly your intuition is able to anticipate and validate the enemy's actions?"
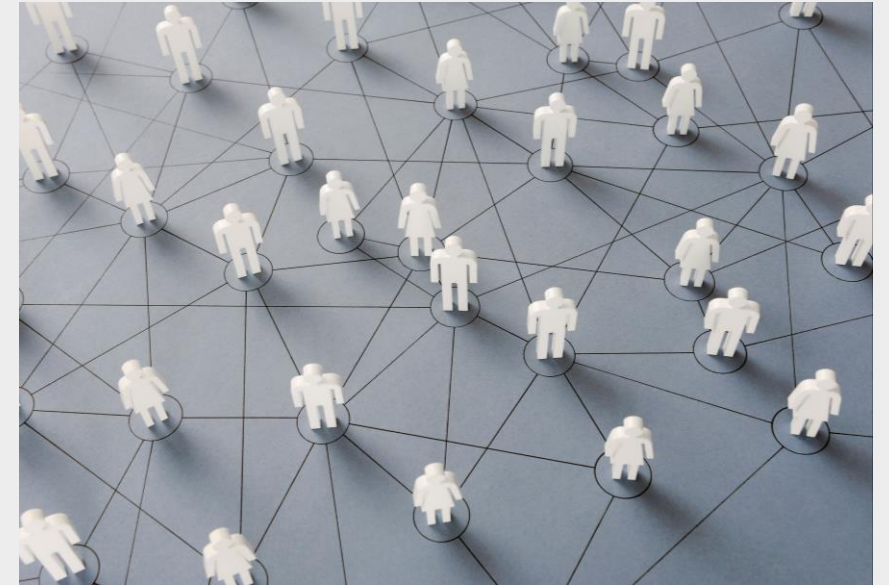
How to systemise & enhance human intuition on the battlefield of everywhere:
*5. Specialism connecting.*

This was only able to happen because of the **multiple reflections that took place prior to the procedure being invented**. Reflections both **personal and therefore privately intuitive**, and then **connecting in teams across specialisms** to deliver a simple, **evolutionary set of procedures with revolutionary impact**.

By creating spaces to think confidently in intuitive ways that ensure these interactions – this tinkering we mention – between humans and *their* machines, we are suggesting this Ukrainian way of thinking intelligently about how to optimise human/machine interactions should not only be enabled by military hardware and their obvious physicality but now, absolutely, by a new kind of IT and related digital tech.

The GPT that is **intuition validation**.

Connecting specialisms with a new kind of inside-out tech. And delivering cognitive-warfare capability the length and breadth of all the services of a nation-state, whatever the cognitive nature of the battlefield they find themselves fighting on.
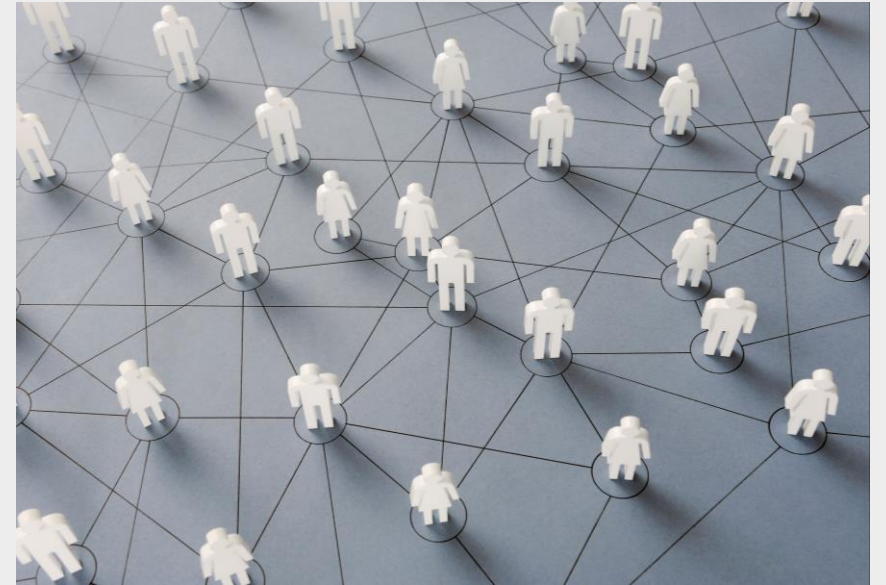
"And what might happen if we designed new, intuition-friendly, IT-tech specifically to INTEGRATE humans – wherever possible – into the creative interactions between ourselves and our machines?

And then amongst us all, too?

Where could our cutting-edges end up then?"

How to systemise & enhance human intuition on the battlefield of everywhere:
6. *New recruit-friendly, rapid onboarding.*

When what you think most deeply about in any new experience – in this case, onboarding into a military service new to the recruit – has tools that, by design, are structured to encourage **belief in one's self, pride in one's abilities, confidence in one's team, and the abiding belief that there is always a better way of doing everything**, a way that you yourself will be part of delivering one day, then your service will always have the edge over any enemies – whether visible or not.

It's not the weaponry we buy into our military. Increasingly, it's how we then learn to optimise them: to tinker them into terrifying our enemies.

Just like the Ukrainians, using their intuitive, "thinking without thinking" to fight for every inch of their territory. And, in the process, ensuring every drone is counted out – and counted back to the maximum.

"The Ukrainians proceed to invent a facility and a procedure to follow up the attack on the tank by hovering their drone over the hole thus left, dropping a grenade into it, and then whooshing the drone up vertically to ensure the ultimate destruction of the tank and the safe return of the valuable drone to base."

How to systemise & enhance human intuition on the battlefield of everywhere:
7. Super-fast upskilling and retraining.

When what you think deep down is captured first for you, and then empowers you to communicate these insights at the time that suits the team and the mission, **you begin to realise you have the freedom to think it all**.

And when you can think it all, you do.

You realise exactly what the enemy might be capable of:

- Not to make you paranoid … to increase your preparedness.
- Not to make you afraid … to make you careful.
- Not to make you reluctant … to make you bold.
- Not to make you passive … to ensure you proactively contribute – just like the Ukrainians with the Russian tanks – to the innovation and development of new procedures that make the difference between a future for us all or a past we only ever look back on wishfully.

And so **upskilling & retraining becomes a hive of creative minds, in a world where a "fixed how" – that is, a world of a cognitive warfare of battlefields everywhere – no longer protects us as once it could**.

"The Ukrainians proceed to invent a facility and a procedure to follow up the attack on the tank by hovering their drone over the hole thus left, dropping a grenade into it, and then whooshing the drone up vertically to ensure the ultimate destruction of the tank and the safe return of the valuable drone to base."

How to systemise & enhance human intuition on the battlefield of everywhere:
7. Super-fast upskilling and retraining.

In all this, it's not previous or current practice we aim to criticise. We all use the tools we are given, to the best of our ability.

But whilst physical tools such as rifles and motorised vehicles lend themselves to human interactions, to intuitive insights, and to that tinkering we've mentioned a number of times now, digital tools are in the hands entirely of their makers.

And this is where the problem lies. **Current IT-tech inspects even the user, always. We never feel free to think as freely as the enemy does**.

And so in cognitive warfare, we will always, equally, find ourselves at a disadvantage.

Unless we decide something needs to give.

HUMAN MACHINE #AGI
FIGHTING FIRE WITH HUMANS

https://youtu.be/pTyEZQmUs08

Investor slide-deck   GPT #1: HMAGI

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In simple terms, technologists have always defined progress in terms of machines: machines continually have their goalposts moved by companies working in such fields. And the purpose of machines, more and more, **at least in IT –tech and related, is not to expand human capabilities but substitute them**. (Movie-tech has spent its 100 years differently: we've already mentioned this.)

Humans, on the other hand, are seen as **being static: to be caught up inevitably by machines and their masters**. We never seem to have goalposts that are moved, nor human benchmarks which could be improved upon.

We want to change this: by **tweaking in an evolutionary way, but with a revolutionary impact**, existing technologies such as generative AI and other related AI-similar tools, in order that **humans can fight crime as creatively as the criminals**.

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How to systemise & enhance human intuition on the battlefield of everywhere:
7. Super-fast upskilling and retraining.

And we could argue, as the video does, that this is all because it allows for an easier monetisation by the digital tech providers. Which may be true or not.

The important thing, surely, is to get agreement on what next.

Don't lives depend on this happening?

That we take cognitive warfare on the battlefield of everywhere and understand – once and for all – **it changes our needs, and therefore must change our IT-tech**.

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How to systemise & enhance human intuition on the battlefield of everywhere:
7. Super-fast upskilling and retraining.

"How can we all act like Ukrainians when faced with how best to destroy a Russian tank?"

That's the question we really must now answer.

How can we ALL show such supreme intuitive thinking … and then get back home, drone intact and ready to fight another battle?

HUMAN MACHINE #AGI
FIGHTING FIRE WITH HUMANS

h/m #agi
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https://youtu.be/pTyEZQmUs08

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How to systemise & enhance human intuition on the battlefield of everywhere:
8. Enhanced mission-critical thinking.

All the slides in this deck are leading us to one conclusion: that **there exists a need to enhance and expand our mutual capacity to think intuitively *and* share this mission-critical, operational gold**.

That is, in the space of digital IT and related.

Particularly given that with purely physical machines that we drive and fire and use and fight with in various ways, this is already a given.

And where does this newly human intuitive capacity need to be encouraged?

In our inner selves. Via a new GPT: **intuition validation**.

In our colleagues, fellow soldiers and the citizens we serve. Across the multiple military specialisms. And fully integrating, as extensions of ourselves, into the creative interactions in some respects we already enjoy.

But **not just the weaponry. The digital too, at last, for a change**.

"Every second. Every day. Every week. Every month we have to fight.

Every moment we know we must."

Presenter and author

Mil Williams

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The Russian
terrorist state,
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on the battlefield
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