

Evergent Technologies Ltd
1280 4 Ave
Dunmore, Alberta, Canada
T1B 0J8

June 30, 2022

President Volodymyr Zelenskyy
C/O Head of the Office of the President of Ukraine
(YERMAK Andriy Borysovyeh)
Presidential Administration Building
Bankova St, 11 Kyiv Ukraine 01220

Dear President Volodymyr Zelenskyy,

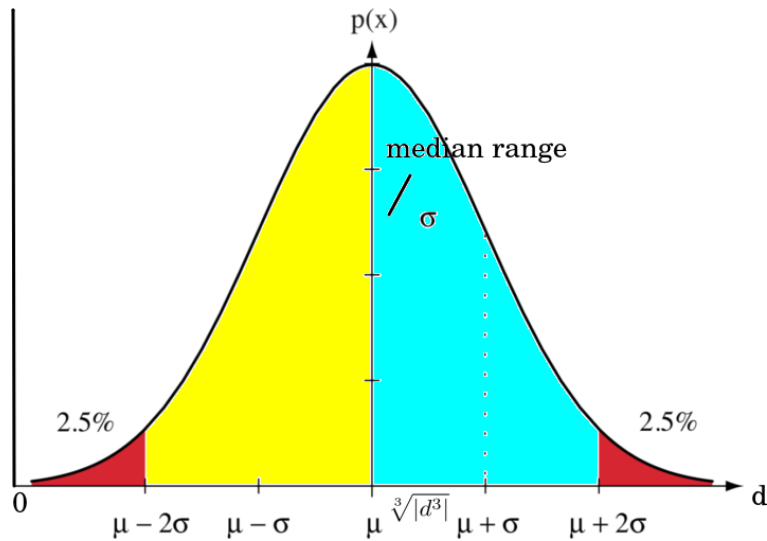
This letter contains a brief, peremptory yet vital letter of offer to join an international joint venture to demonstrate, mass-produce, and shape hybrid warfare outcomes from the current conflagration into the eventual, inevitable urbanized and megacities warfare of this century.

This joint venture is on offer to a select group of Western allies to share risk mitigation and also profit from the evolution and disruption that the systems on offer herein will occur.

I was a defence scientist with NATO TOP SECRET clearance and a 20 year track record of solving Explosive Ordnance Disposal and Improvised Explosive Device Disposal technology, including Robotic AI. I don't need any of that to describe for you the precise nature of present weapons systems' failing.

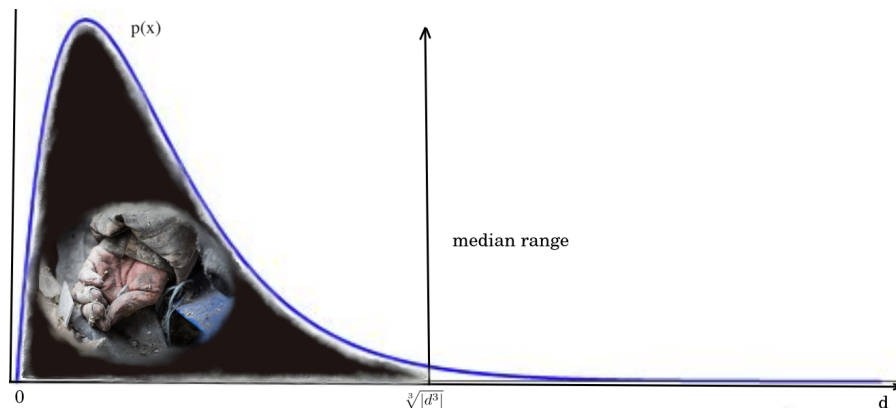
Be under no illusion: your mechanized forces were designed for the 1960's **Fulda Gap**. If you are not aware of where the Fulda Gap is, then you are four steps behind where you are required to be in order to avoid impending disaster.

Allow me to analogize your predicament: when the design of your armour, missiles, automatic cannons, and machine guns was imagined as the next step in military equipment, the general terrain and range distribution was optimized for the effective ranges of the most likely battle; lethality probabilities were computed to meet all probabilities; medium- to long- range encounters were anticipated to predominant approximately around the median distance like this Gaussian probability density function distribution.



Gaussian distribution probability density function mapping encounter probability versus normalized distance. Median distance roughly describes the 1960's Fulda gap environment geometry. Approximately 95% was within the normal encounter ranges.

Over time, the terrain changed faster than the military mindset. But in modern urban areas, and especially in megacities, the reality of engagement ranges today closely maps to the Chi-squared distribution below.



Urbanized / Megacities Engagement Probability Density Function: Predominant (→95%) encounter ranges mimic Chi-squared distribution.

Let me underline this point: it doesn't matter how many layers of CHOBHAM armour plates you include, how many explosive reactive armour charge blocks

you cover your tank with, it doesn't matter the glacis slope angle of hardened steel plates of armour, it doesn't matter how fast your chain guns can cycle, or how many rounds before your barrels overheat; your mounted weapons can't elevate or depress to hit targets at the extreme deflections like the upper floors of a superstructure, your guns can't traverse fast enough to hit 100 targets simultaneously; nor hit two targets 180 degrees apart simultaneously, and your armour won't stop all 40kg Improvised Explosive Device (IED) or 5kg Explosively-Formed Projectiles (EFP) planted within command detonation range of the next building. Your dismounted infantry cannot cover all windows, dead zones, or complex 3D obstacles to save your armour from surprise attack. The more you rubble a city, the worse the complexity becomes, the worse the problem becomes. **No workaround will avoid their designed-in failure.**

The Russian invasion went as predictably as any future offensive will go, by any army, that uses the mechanized manoeuvre units designed for the Cold War. Russian casualties forced them back into the 1940's strategy of artillery creeping barrage ahead of advance elements. Flattening cities by Russian artillery is the ultimate proof that poorly-designed weapon systems for urbanized warfare was the primary cause; and decimating casualties was the outcome.

I used no classified information to arrive at this assessment. How can I be certain that this problem was a pivotal reason why Russian offensives did so poorly? I have been warning about and forecasting this eventuality since 2007; that is why I proposed the TADM system concept (Teleoperated Air Dropped Munitions; see attached DRDC-S TN 2007-193 "TADM") in the first place. TADM was a necessary step to avoid the same fate befalling Western mechanized forces.

TADM will deliver 20 kg of High Explosive (HE) for \$5,000 USD each, designed to employ against single tanks in volleys of three for \$15,000USD. **By comparison, one Javelin ATGW costs \$243,000USD and one TOW-2B costs \$93,000USD. The value proposition Evergent Technologies is offering you is clear.**

At full operational capability, the extreme range of this same system will be 30km. That will precipitate the outcome that modern fighting vehicles will morph into aircraft carriers from battleships as the new megacities arms race escalates.

This joint venture system (**Project: DoorKnocker, Company: Straik**) you are invited to participate in will implement TADM: aerial lift delivers primed explosive-laden miniature unmanned ground vehicles (MUGV by US NIST ALFUS definition) onto the path of oncoming enemy tanks, infantry fighting vehicles, armoured personnel carriers and soft-skinned vehicles as a dynamic minefield in the defence. On the offense, at the minimal unit cost one

can mass produce so many munitions to overwhelm defenders that machine gun barrels will melt before those first crews can stop enough.

These systems use hardware and software that is ready to roll. I have all the software. All base technologies were funded, demonstrated, and proven by the Canadian government in Afghanistan. But they can be adapted and adopted to any hardware in any region of the world. TADM systems are beneath ITAR (International Traffic in Arms Regulations) or trade embargo restriction. They exploit Commercial Off the Shelf (COTS) components sourced from anywhere. No classified information is necessary to implement. They can be infiltrated into hybrid warfare conflict as a first echelon indirect fire alternative to fast air and attack helicopter support.

This letter of offer invites you to participate in fielding a weapon system designed to work at point blank range; one joystick and one tethered cable is all that's needed to engage point blank targets in urban geometry. The version we will employ and evolve will be advanced revisions adapted from the videos contained with the lessons learned in 2009 in Afghanistan; novel six by six drive wheel prime movers with four-bogey-wheeled trailers will be the baseline payload-platform system. When at full operational capability, advanced designed explosive munitions will be capable of **burst speeds over 90km/hr**. Unlike fast air, attack helicopters, mortars, artillery, and cruise missiles, the TADM concept - using direct line of sight and zero latency control - **optimizes system performance AT POINT BLANK RANGES**.

This weapon system, employed urgently inside Ukraine, has the ability to deliver to pivotal outcomes: a Guderian-level tactical breakthrough and encirclement brought on by technological surprise with no time to develop counter tactics and counter measures. This munition system has the potential to shift the momentum back to Ukrainian forces with your support. In return, Ukraine's generous participation with this joint venture would allow you exclusive data access from after action reports to evolve rapidly a first of it's kind strike capability that can operate across the continuum of **Krulak's "3-Block War"**.

If your defence staffs are adamant this system isn't significant, that this isn't a wise line of development, then that will be the only proof you need that they are as backwards as the British Army High Command was, post-WWI, ignoring Captain Liddell-Hart's warning about *en masse* tank assaults; *blitzkrieg* that British Expeditionary Forces and French forces succumbed to outside the Ardennes Forest in a calamitous defeat. Backwards thinking will expose you to disruptive failure of epic proportions in the upcoming conflicts, worldwide. In megacities, your losses would accelerate.

In order to reserve your place while legal and corporate negotiations between international joint venture stakeholders is underway, your nation is entreated

to deliver a nonrefundable check or bank draft for **\$200,000USD to the undersigned by 31 July 2022** to reserve your company stock percentages as laid out in the presentation attached. Thereafter, those funds will be used to deliver Phase 0 evaluation deliverables. From then on, payment schedule will be \$500,000USD every fiscal quarter until payments are completed up to the designated amount respective to ownership. In-kind contributions will be assessed as to suitability and need by the development critical path on a case by case basis by Evergent Technologies. Phase 1 deliverables will be demonstrated in Poland. Legal negotiations will continue in parallel for national agreements as technical milestones and deliverables are met. Legal negotiations will have no impact on technical matters, technical direction shall be taken and maintained by Evergent Technologies at all times. It is expected that every nation will demand unique technical capabilities for their custom circumstances, from classified frequency ranges to cryptographic algorithms and so on, and that eventuality is built into the long term product evolution strategy and within the overall plan: those unique requirements will be negotiated separately and discreetly but not at the sacrifice of the 3 phase plan laid out. Under no circumstances will national squabbling interfere with product advancement and I trust your negotiating teams will adhere to this requirement.

Please make your nonrefundable check or bank draft out to:

Evergent Technologies Ltd. (Canada) c/o
Servus Credit Union (Canada)
Branch Transit #: 21029
Institution #: 899
SWIFT CODE: CUCXCATTAL
Fax: +01-403-529-5209

If you decline this invitation, your shares will be distributed to other interested nations that have received this package in parallel to your own. If your nation wishes to hold off investing until a later date, there will be a second round of financing, but the possible shares acquired at that point will be at twice the outlay for half the percentage ownership.

If you decline this opportunity, you are in fact giving up on the unique circumstances that exist in the Ukraine right now: every day is worth \$100,000 USD experimental proving ground range days. Every munition action is a chance to gather more data, expand boundary conditions, and experiment with different configurations. You would be giving up the dual-use lost potential.

For any delays, share ownership past the 31 July 2020 deadline is first come, first served. Any confictions will be deconflicted by Evergent Technologies on behalf of other invested nations.

Allow me to end with an assurance that, with all the source code ready to go, there will be no derailing delays and this engineering development will integrate manufacturing technology into the development process so that this munition and manufacturing process can be infiltrated into any area, set up, and allow for mass production in hybrid warfare scenarios as well. Based on my project schedule and on-time cooperation amongst shareholder nations, first systems will roll in 3 months.

Anticipatedly,

David Ryan Erickson
President
Evergent Technologies Ltd.

cc: (Carbon Copy Addresses Attached)

encl: "Operation: DoorKnocker, Company: Straik" in paper

encl: "Operation: DoorKnocker, Company: Straik" plus videos on CD-ROM -
Note: Due to the myriad of Microsoft format restrictions, videos are not embedded.