



West Midlands Cyber Ecosystems - Working Group

Unbreachable security through physical disconnect



ABOUT US

TruAirgap™ is a UK designed and manufactured product. All of our hardware and software engineers are based at our manufacturing facility in Cannock

Our sales offices are in London, Spain, Middle East & the US, and we also have data centres for our SaaS product in the UK and Dubai



PART 1: TEAM

Executive Management

- Tony Hasek (EU & ME) – CEO, Inventor, Serial Entrepreneur
- Stephen Kines (UK) – COO, Intl. corp. lawyer, investor, ESG cer

Senior Management

- Richard Bate (UK) – CTO, Industrial IT expert
- Adomas Tamulionis – CFO
- Dr. Jason Gamage (UAE) – CISO
- Philip Rambech (UK/Nordics) - Sales & Strategy

Advisory Team

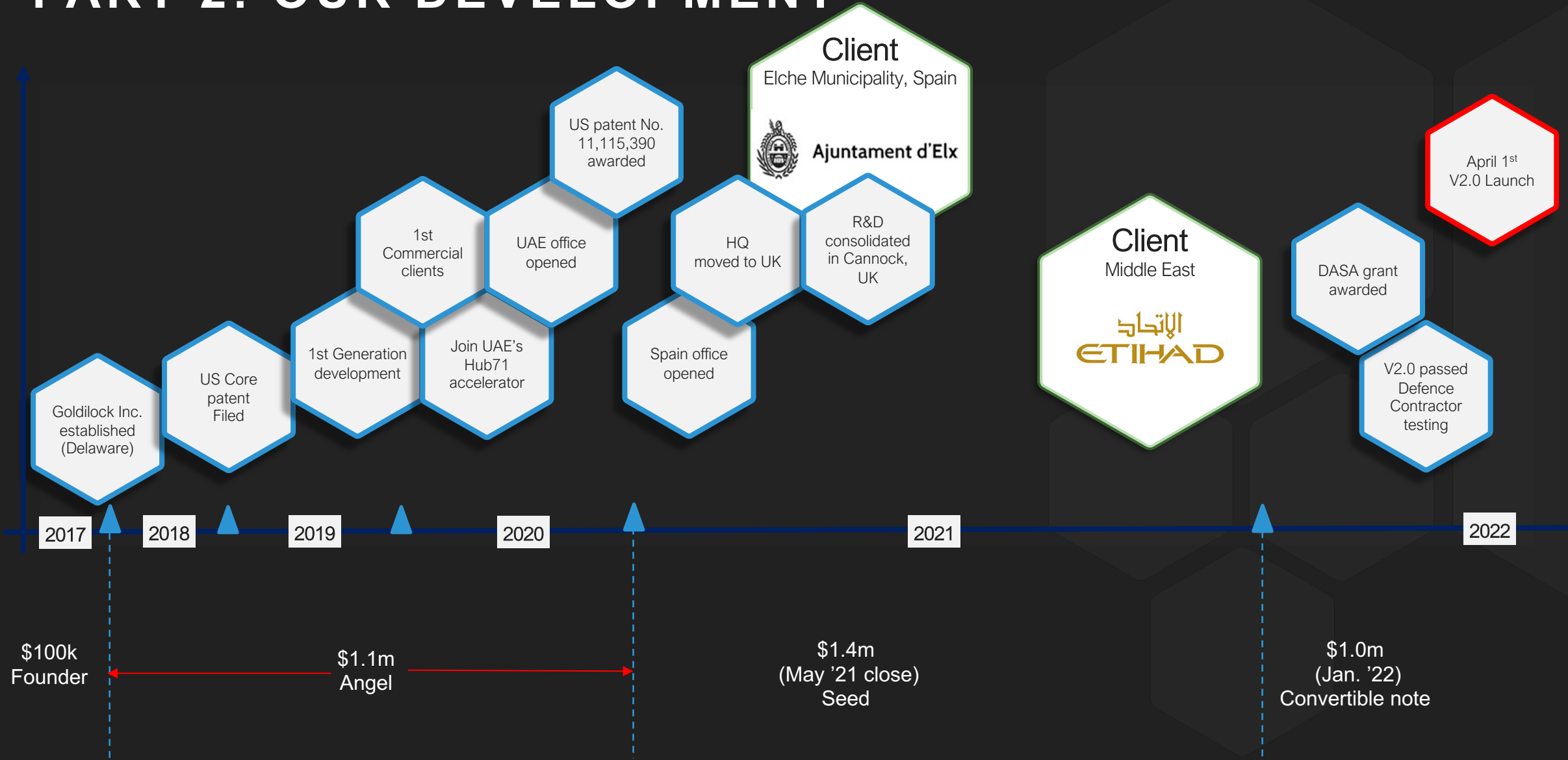
- David Enders: ex-CISO of two leading Law firms
- Lewis Henderson: Strategic Product Visionary
- Keith Parnell (US/Canada) – Business Development & Legal advisor



Stephen K

Tony H

PART 2: OUR DEVELOPMENT



PART 3: HOW WE HELP THE COMMUNITY

Addressing the ransomware threat

- Ransomware is the single biggest challenge for Private Enterprise
- Critical Infrastructure is under direct threat from nation state attacks
- Cyber Defence is now a strategic mission goal for many countries

Airgaps are being called out as a solution

- Goldilock's TruAirgap™ is an Intelligent Network AirGap solution uniquely addressing a wide range of these challenges
- To capitalise on initial market traction and to deliver its unique and patented problem solving technology to the global market



Ransomware Best Practices:

“Regularly back up data, **air gap**, and password protect backup copies offline”*

US Cybersecurity & Infrastructure Security Agency



Ransomware:

“presents the most immediate danger to the UK”

Head of the National Cyber Security Centre (NCSC).

*<https://us-cert.cisa.gov/ncas/alerts/aa20-302a>

WHY / WHAT / HOW

Why

- Any Internet-connected device and network element is vulnerable to compromise, ultimately putting the entire societal structure at risk

What

- Goldilock's US patented TruAirgap™ uniquely solves these challenges without compromise. Available as a hardware platform or cloud based SaaS, data and networks are physically isolated or made available on demand. Access controls are secure, convenient and simple for users and IT teams, yet remain hidden from attacker visibility

How

- Unlike traditional solutions, TruAirgap™ is not controlled using the internet. By leveraging non-IP based methods such as a phone call and SMS, risk of compromise is dramatically reduced, data and networks are isolated or accessed conveniently on demand

SO WE INVENTED GOLDILOCK TruAirgap™

...AND GOT PHYSICAL



Other air gaps provide just an illusion of protection They are, after all, connected to the same physical layer

Unlike other airgaps, TruAirgap™ technology physically disconnects the link, providing absolute security that simply cannot be breached

The screenshot shows the Goldilock Airgap Controller web interface. The browser address bar displays <https://192.168.1.252/ports>. The interface includes a sidebar with navigation options: Dashboard, Ports, Users, Logs, Settings, and Sign Out. The main content area is titled "Ports" and contains a table with the following data:

| Port | Name | Availability | Status | Control |
|------|--------------------------------------|---------------------|----------|--------------------------|
| 01 | Port 1 CCTV | 2 users have access | Disabled | <input type="checkbox"/> |
| 02 | Port 2 Crown Jewels | 2 users have access | Disabled | <input type="checkbox"/> |
| 03 | Port 3 New York WAN Router | 1 user has access | Disabled | <input type="checkbox"/> |
| 04 | Port 4 File Server 1 | 1 user has access | Disabled | <input type="checkbox"/> |
| 05 | Port 5 Building Management System | 1 user has access | Disabled | <input type="checkbox"/> |
| 06 | Port 6 Security Control Centre | 1 user has access | Disabled | <input type="checkbox"/> |

SOLUTION

Simple

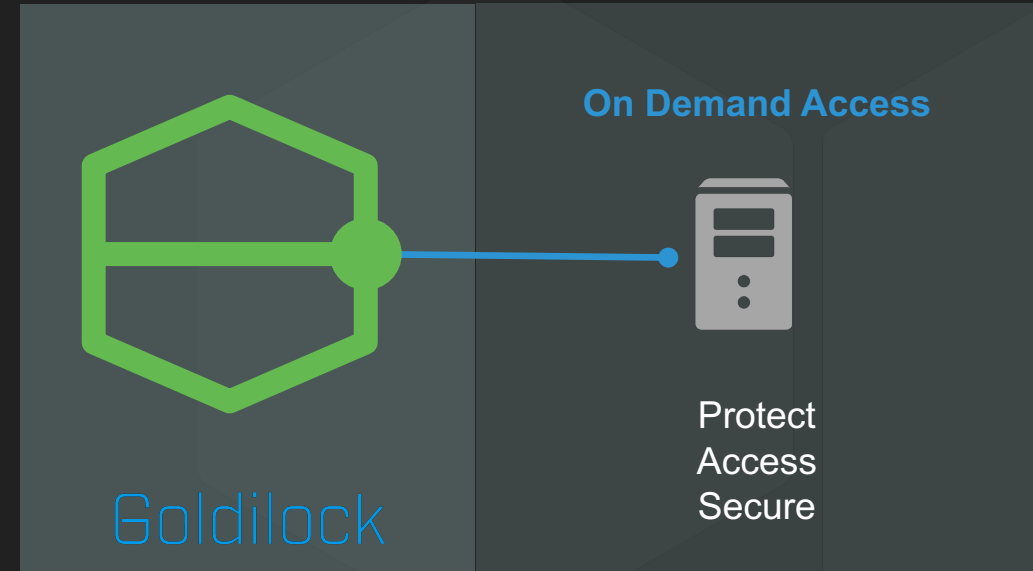
- Integrates anywhere on a network
- Uses SMS or a phone call for controls

Stealthy

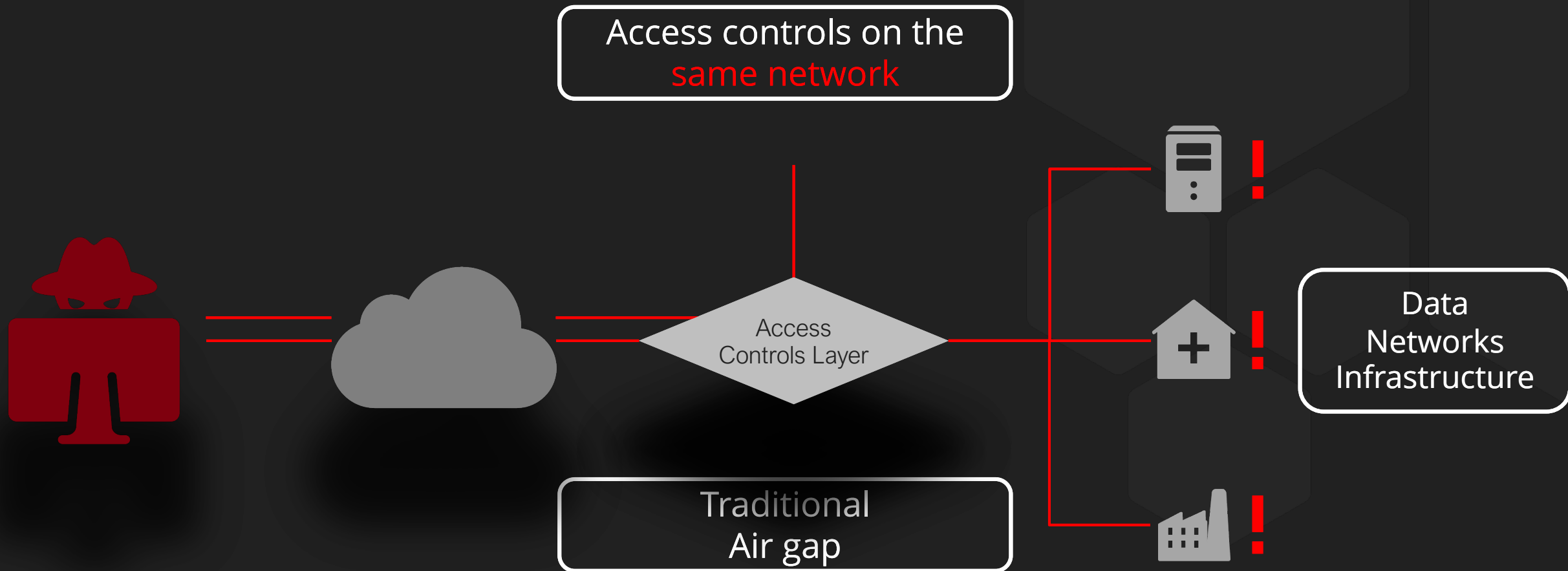
- Physical gates that open or close on demand
- Cyber Attackers are unable to see behind TruAirgap™

Secure

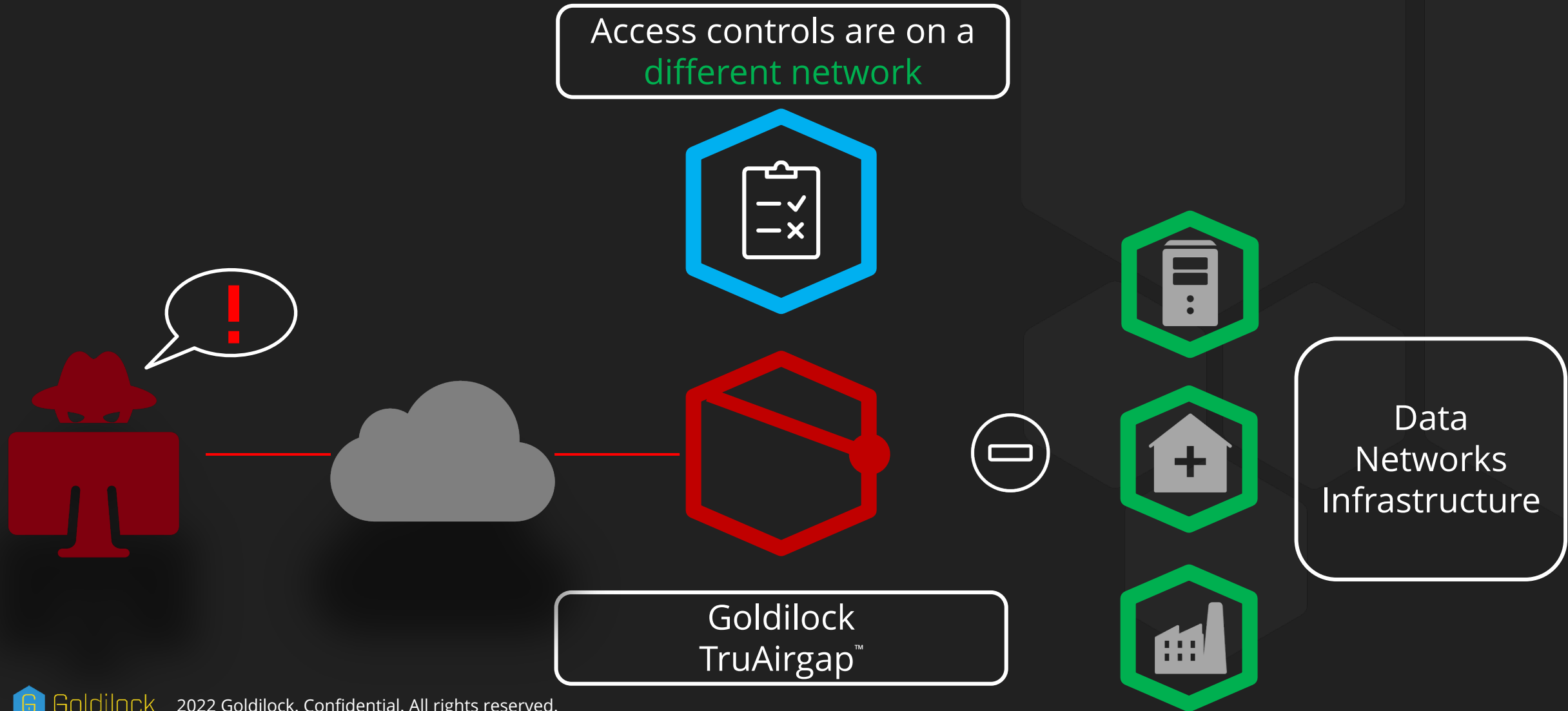
- Fast adoption and minimal training achieves ROI
- High levels of identity assurance to protect from hackers



TRADITIONAL AIRGAPS: INSECURE BY DESIGN

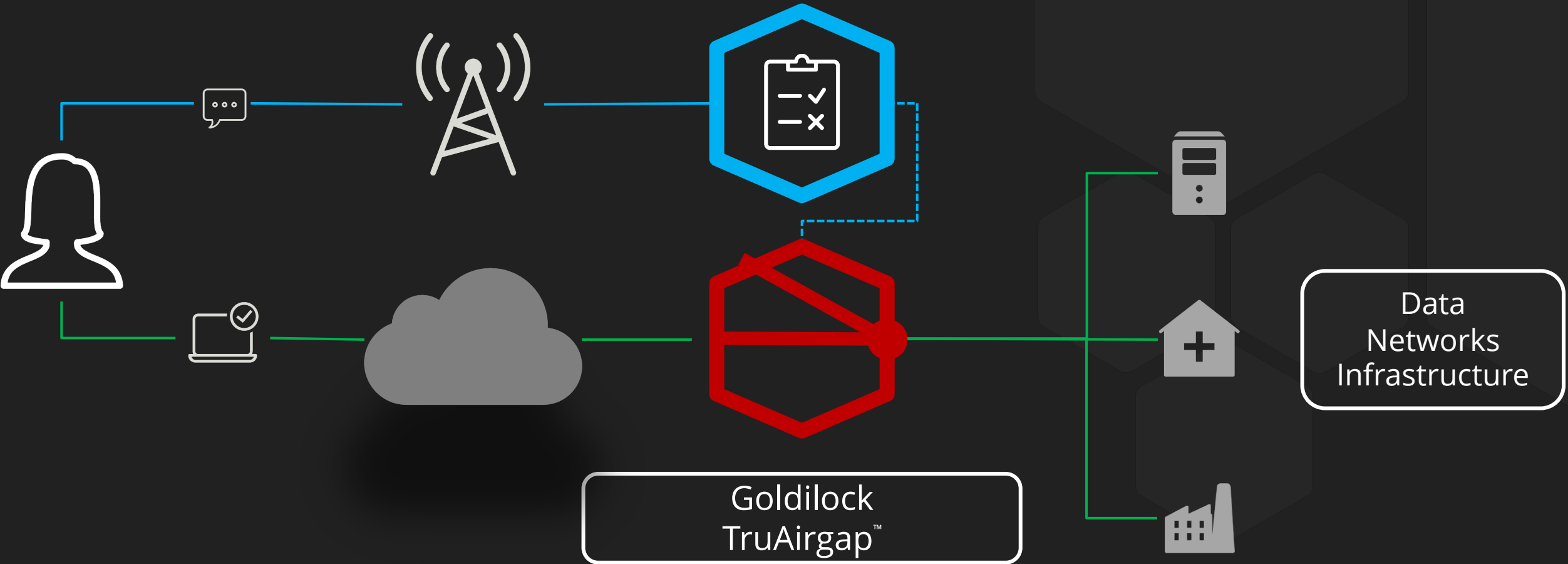


TruAirgap™ : ENGINEERED TO BE SECURE

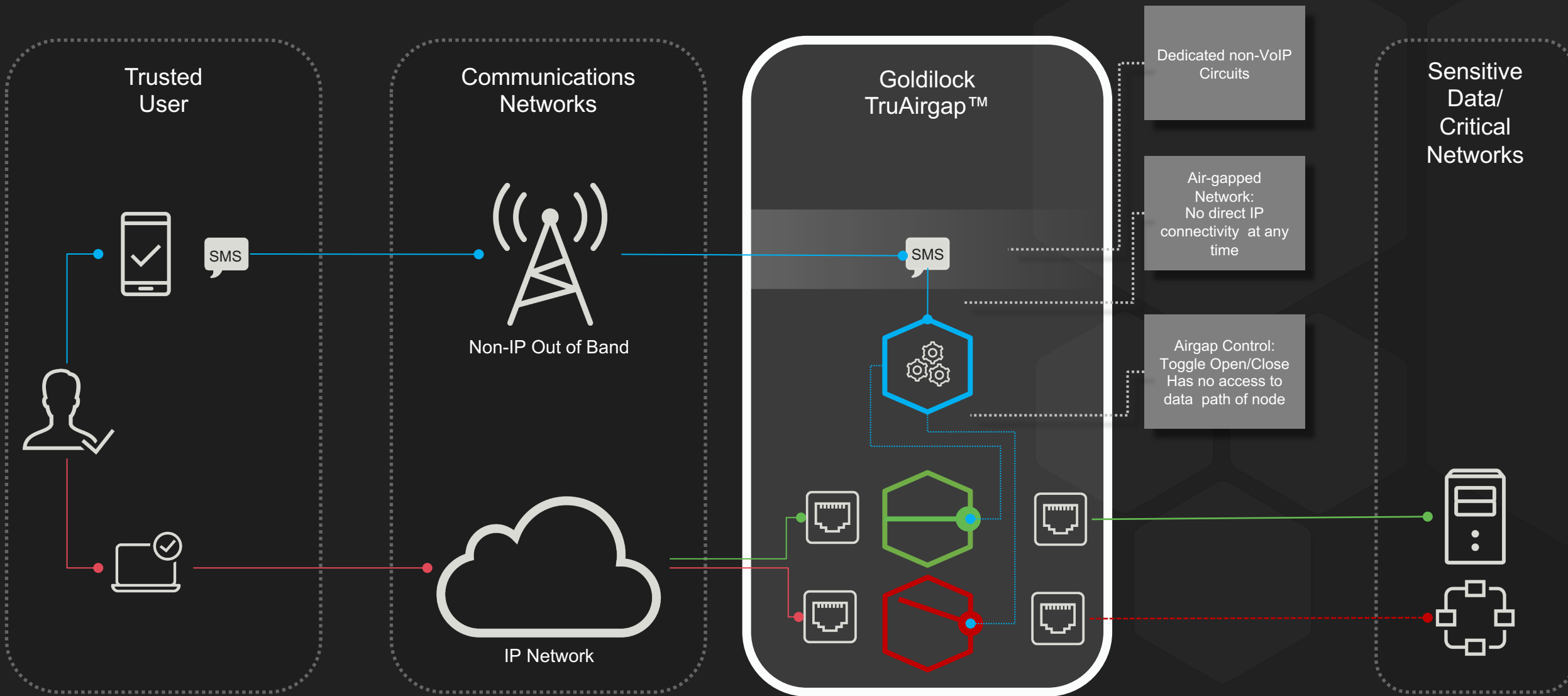


TruAirgap™ : ACTIVATED ONLY BY AUTHENTICATED USERS

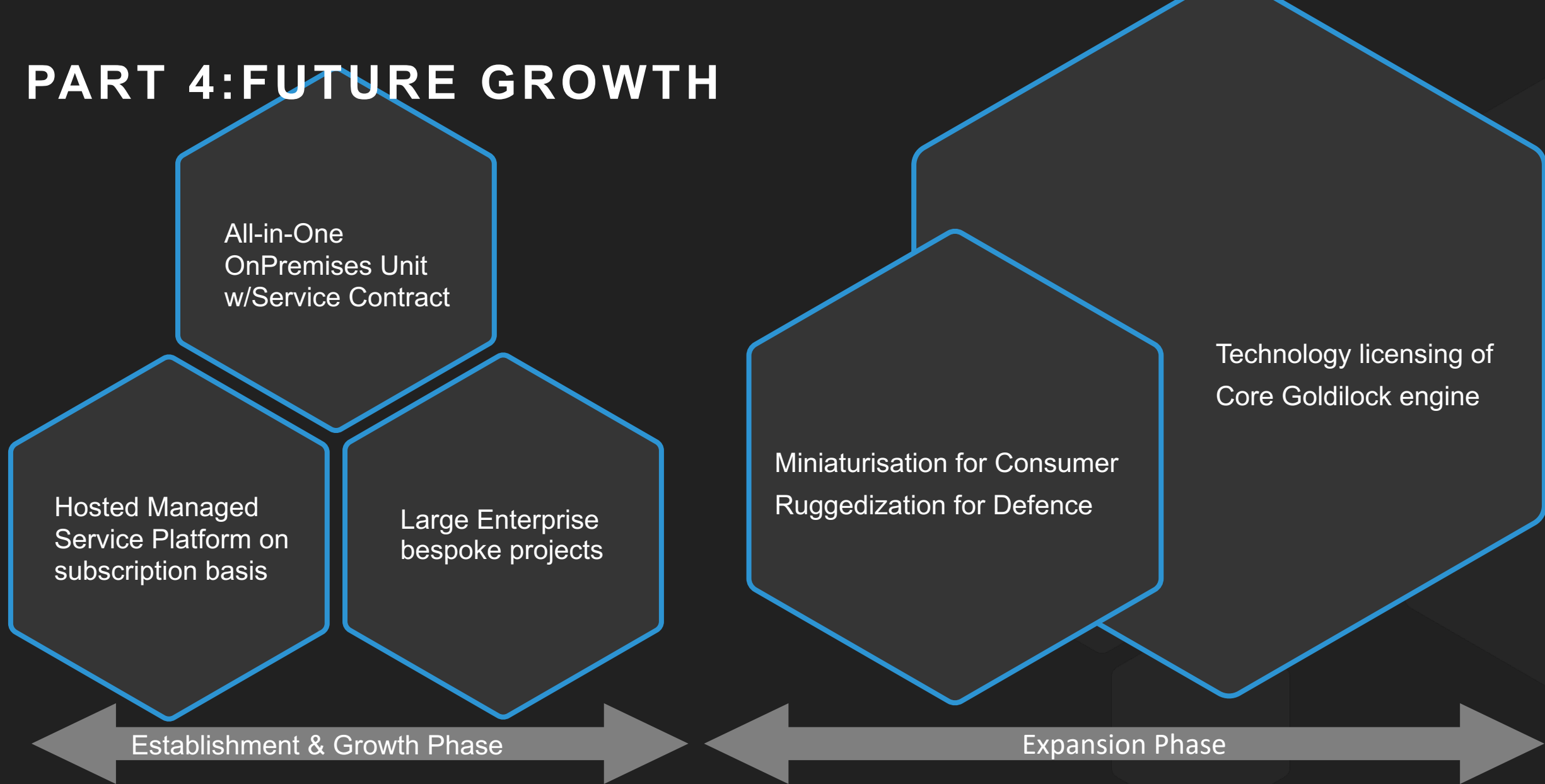
Access controls are on a
different network



HOW DOES TruAirgap™ WORK?



PART 4: FUTURE GROWTH



PART 5: WHO WE ARE WANT TO COLLABORATE WITH

Early Adopters – customers/MSSPs

- We are looking for companies that want to secure and control their data to try our device
- Anyone that can make a warm introduction to such companies

Other solution providers

- Goldilock is only one part of a solution and needs to work with those involved all areas of cybersecurity such as threat detection
- There is potential for OEM/licensing of our patented technology

Continued R&D

- We have a detailed roadmap and looking to get feedback on use cases and greatest needs for our technology, as well as West Midlands' angel investors

THANK YOU

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