

**Cybersecurity & specialized solutions for you:
Taking YOU to the next level!**

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Emerging technologies

Cloud Computing is using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer.

Big Data is extremely large data sets that could be analysed computationally to reveal patterns, trends, and associations, especially relating to human behaviour and interactions.

Encryption assists in protecting privacy. It turns sensitive information into "for your eyes only" that's intended only for the parties that need to access it.

IoT is network-enabled smart devices that use embedded processors, sensors and communication hardware to collect, send and act on data they acquire from their environments.

Spatial Computing is the practice of using physical space to send input to and receive output from a computer.

AI Tools are used for assisting with search and mathematical optimisation, artificial neural networks, and methods based on statistics, probability and economics.

AI Applications are programs that have been developed to perform specific tasks, and could be used for a wide range of activities.

Robotics deals with the design, construction, operation, and use of machines, as well as computer systems for their control, sensory feedback, and information processing.

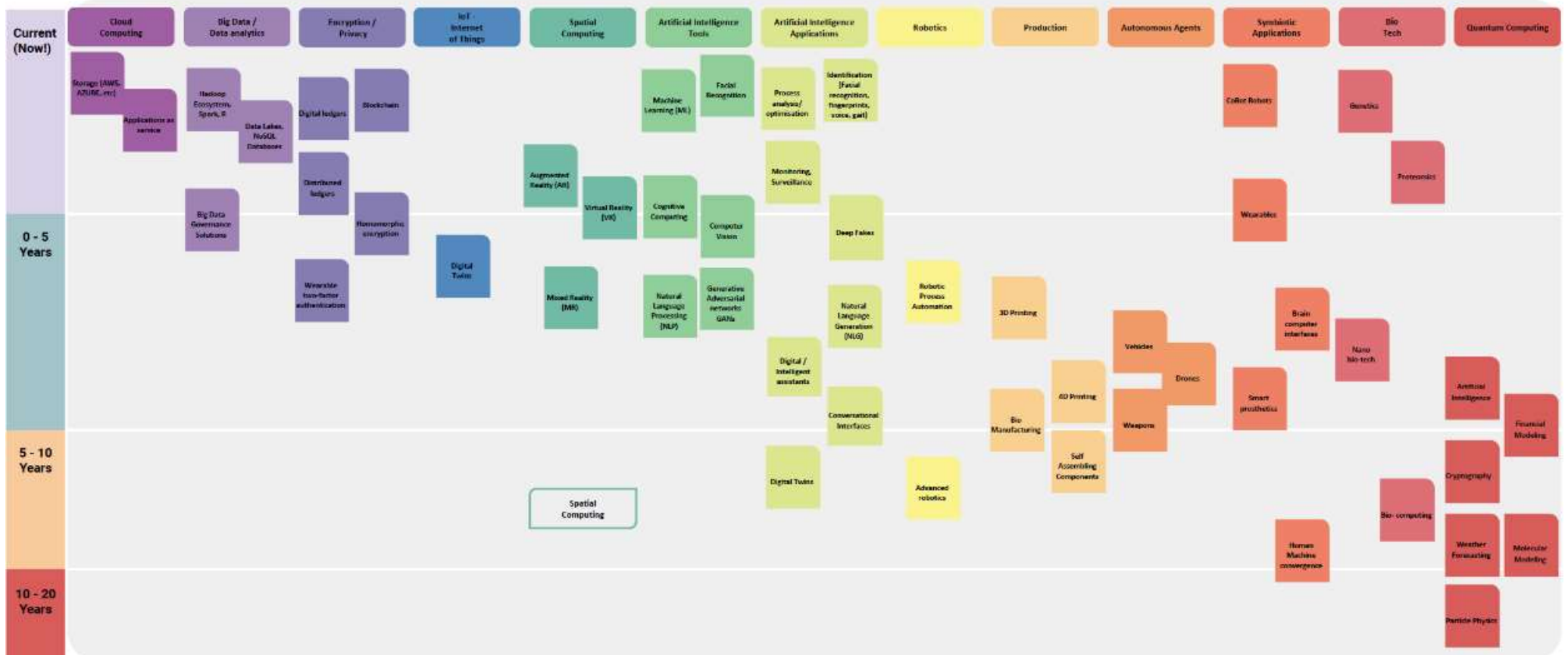
Production Technologies are machines that create a tangible physical product that a business can use to sell. These technologies are used in a wide range of industries.

Autonomous Agents operate on an owner's behalf but without any interference of that ownership entity. Agents may be embodied (e.g. a robot), or embedded (e.g. Siri).

Symbiotic Applications focus on the convergence of human augmentation with the increasing intelligence and awareness of artifacts, leading to a symbiosis of humans and machines.

Biotech is technology based on biology. It harnesses cellular and biomolecular processes to develop technologies and products that help improve our lives and the health of our planet.

Quantum Computing uses "qubits" as opposed to binary processing, resulting in a leap in data generation and processing power.



Are we really safe within these technologies?



Cyber security incidents in Bangladesh

News that made headlines in recent years



Three banks hit by cyberattacks

BB opens probe as hackers steal \$3m from cash machines abroad last month raising concern about banks' security systems

Sajjadur Rahman

At least three local private banks suffered major cyberattacks last month, raising concern about the robustness of their security systems against a growing threat of scammers.

Of the three, Dutch Bangla Bank Limited (DBBL) was the biggest victim, losing as much as \$3 million (around Tk 25 crore) to global cybercriminals, according to sources in the banking sector.

Two other banks – NCC Bank and Prime Bank – also faced cyberattacks, but they claimed they were able to avert financial losses.

This was the biggest cyberattack after hackers made off with \$81 million from Bangladesh Bank's account with the Federal Reserve Bank of New York around three and a half years ago.



Banks at risk as central security body absent

Only 3 out of 58 local banks certified by international Payment Card Data Security Standard (PCI DSS)

Tuesday, Jul 16, 2019 | Last Update : 09:06 am

Dhaka Tribune

Home / Business / Banks

TODAY'S PAPER NEWS BUSINESS SPORTS OPINION D2 SHOWTIME

Hackers steal \$1.8m from 2 private banks

Mehedi Hasan

Published at 10:23 pm June 22nd, 2019

TODAY'S PAPER NEWS BUSINESS SPORTS OPINION D2

Zisan Bin Liaquat, Meraj Mavis

Published at 11:02 pm July 10th, 2021

Bangladesh ranks third in the list of countries at risk of malware attacks

Systems across the world are compromised!

The perception of security is deception

99%

Of all computing devices around the world are vulnerable to cyber attacks! In fact you could be the hosting platform for the next cyber attack for someone else!

So don't be deceived!

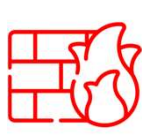
Your device & apps may have more vulnerability than that you can think of



Router



Switch



Firewall



Server



Desktop



Printer



Wifi AP



And
more...



You probably have at least 3 applications installed that make your computer vulnerable to cyber attacks!



Google Chrome
100+ vulnerabilities



Adobe Acrobat
40+ vulnerabilities



Oracle JRE
100+ vulnerabilities



Microsoft Office
100+ vulnerabilities



Skype
100+ vulnerabilities

* NIST Vulnerability Database

Our team

The team behind the system



Professionals with a backdrop of specialization in Mission Critical System and Infrastructure Design, Information Security, Customized Hardware System Development from scratch, this is a team dressed to deliver the unthinkable! A dedicated team of professionals who have what it takes to deliver needs for your organization.

Our team has been credited in working closely for design, development, deployment and delivery of numerous project, platform and infrastructure from scratch for some of the most respected customers in Government, Defense, Aviation, Telecom and Enterprise. We are poised to deliver solutions which can help deliver what you need while optimizing costs.

Our Expertise

Seasoned team of professionals at your service!

Certified Professionals

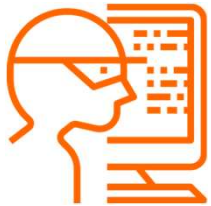


Application Expertise



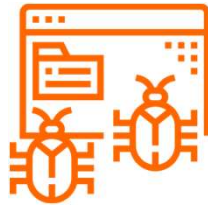
What we can offer

What do we do best!



Vulnerability Assessment and Penetration Testing (VAPT)

- Red team
- Blue team
- Black team
- System hardening



Source Code Audit

- Codebase
- Architecture
- Methodological



Satellite Imagery and Aerial surveillance

- NIR, FIR, R, G spectrum
- 30cm to 50cm res
- Surveillance drone
- Drone countermeasures



Cyber Incident Response & Forensics

- Emergency response
- Incident recovery
- Data recovery
- Malware / Footprint
- Lab setup
- CERT & SOC solution



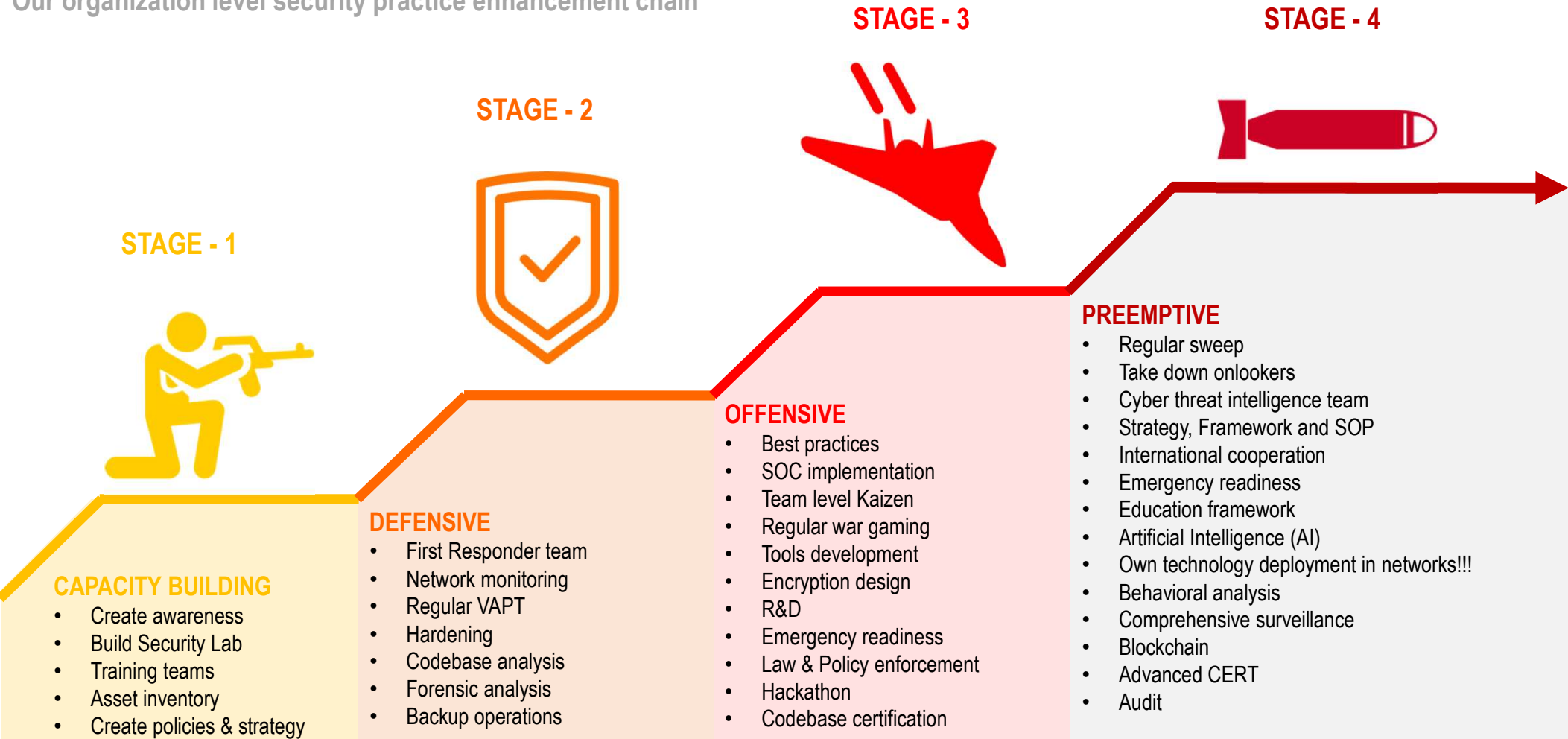
Consulting, Development & Training

- Consulting
- Customized Platform Development
- Complex System integration
- Training

Helping to **SECURE** your organization!

How we can work to secure your organization

Our organization level security practice enhancement chain



Our Partners

Solution providers and organizations we are partnered with

Security Products and Solutions



Broadcast Media



Trade bodies, Certification & Standard authorities



Infrastructure



Our customers

Humble but robust portfolio which speaks for itself



THALES



bits



LETS WORK **TOGETHER** TO BUILD A **SAFER** SOCIETY