Cybersecurity

Cyber defense

Data protection

Secure infrastructure

GateLink

About us:

Founded in December 2020 we are a Bulgarian IT company specialized in design, development and provision of software and hardware solutions for cybersecurity, information security, cyber defense, personal data protection, data securitization, etc.

With a team consisted of proven IT professionals, engineers and researchers with more than 15+ years of experience in the IT-industry, cybersecurity and data protection, defense industry, automation and control engineering, business intelligence and analytics, telecommunications, etc.

GateLink

About us:

Some quick facts:

- Our team members professional experience can be traced up to companies like HP, IBM, Google, Microsoft, etc.
- Some team members are past university lecturers and hold PhD's from some of the leading tech universities in Bulgaria and Europe.
- Our business model is focused on the provision of modern IT solutions and services with high added value.
- We specialize in development and provision of complex end-to-end solutions, that cover a wide spectrum of businesses.
- Our partnerships allow us to provide our clients with with tailored solutions that are flexible by nature, and comply with the relevant international standards and regulations.

GateLink

Partners:

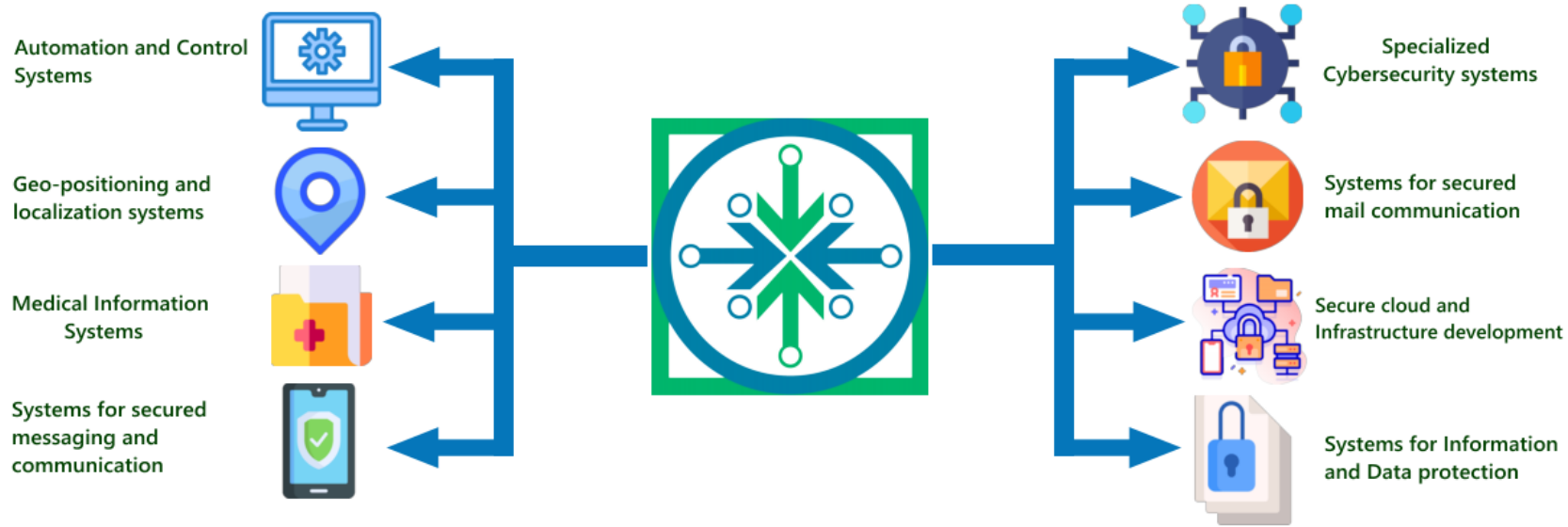We believe that the right partners make one project successful!

GateLink

Partners:

Utilized technologies:

Key practice areas:

Automation and Control Systems

Geo-positioning and localization systems

Medical Information Systems

Systems for secured messaging and communication

Specialized Cybersecurity systems

Systems for secured mail communication

Secure cloud and Infrastructure development

Systems for Information and Data protection

GateLink

Products and Services

We are not software developers, we are software crafters, and we are proud of that.

GateLink

Products and Services:

Gatelink provide its clients and partners with own in-house made software systems and solutions:

Our software solutions and products are:

- Systems for information and personal data protection;

- Systems for protection, secured storage and secured processing of sensitive to critical information and data;

- Systems for securitization of the communication held through standard open channels;

- Systems for secured information, email and message exchange;

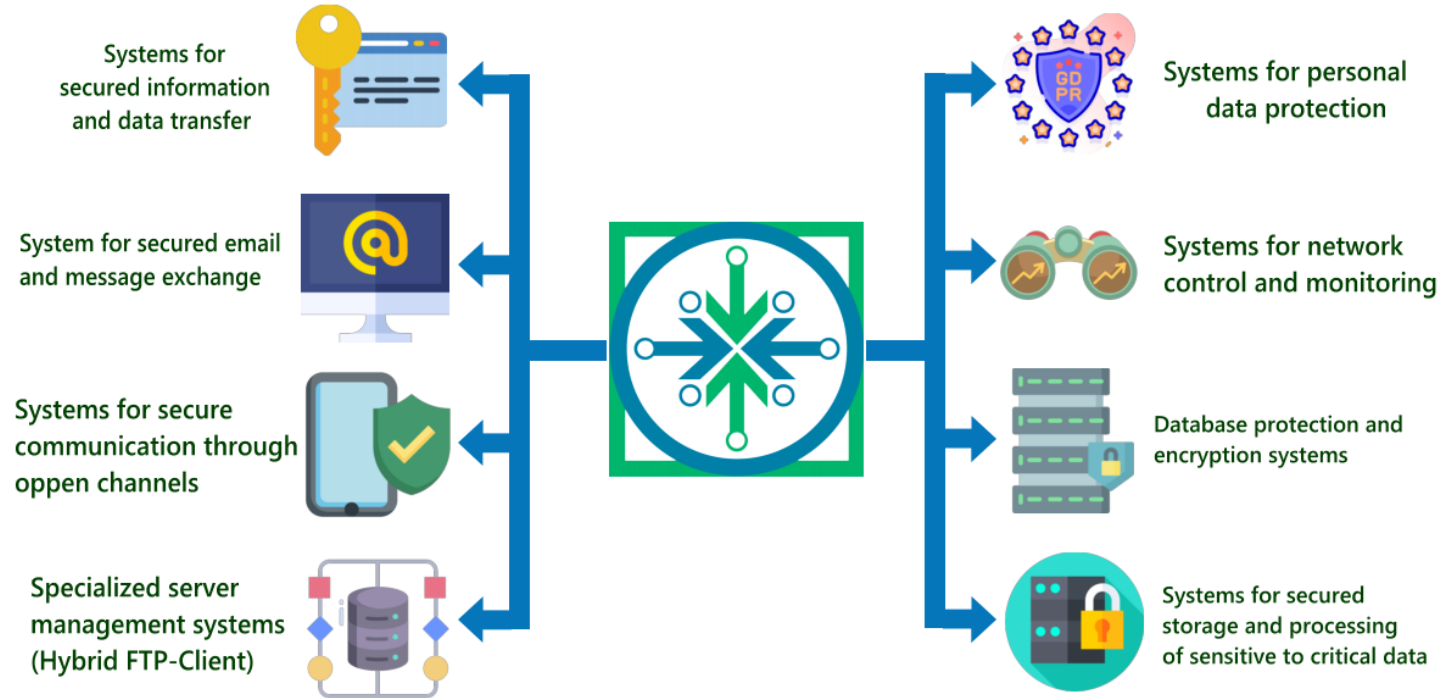- Systems for secured data and information transfer;

GateLink

Products and Services:

- Hybrid systems for network monitoring and control;

- Strong security post-quantum database encryption and securitization systems;

- Specialized server management systems (Hybrid FTP-Clients);

- System for securitization of existing cloud infrastructure;

- System for providing of secured environment for cloud operations and provision of secured cloud based solutions and services.

GateLink

Products and Services:
Products and Solutions:

Systems for secured information and data transfer

System for secured email and message exchange

Systems for secure communication through oppen channels

Specialized server management systems (Hybrid FTP-Client)

Systems for personal data protection

Systems for network control and monitoring

Database protection and encryption systems

Systems for secured storage and processing of sensitive to critical data

GateLink

Services:

IT Consulting:

We provide consulting services tailored to your vision and goal. Our aim is to scale up your business capabilities through utilization of well planned IT resources and investments. We consider all aspects regarding your unique IT needs and provide you with the knowledge and expertise that allows you to achieve more that the expected results.

IT Services:

We provide your business with full spectrum of IT services. From hardware and software provision through software development, infrastructure development, system administration and maintenance to incident management and recovery assistance.
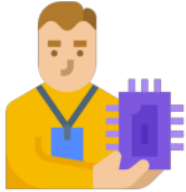
Training and Certification:

We provide training and certification services that are oriented towards our main business scope. We partner with some leading structures in providing training and certification activities for the modern IT professionals.

GateLink

Services:
IT Consulting:

General technical consulting services tailored to your company/project needs

Consulting and advisory services related with applying optimal practices and approaches in the system design and development

Consulting services related with application of and synchronization with the ISO 27000 standards.

Cybersecurity and Information security services

System architecture and system engineering consulting services

Consulting services related to development and application of security policies aiming to enhance the levels of securitization of the BPs and information arrays

GateLink

Services:

Software and IT Services:

Development, Administration and Maintenance of secured working spaces and environments;

Development and Support of secured hybrid cloud applications and infrastructures;

Provision of systems, applications and means for personal information security and cybersecurity;

Customized solutions for investment protection, based on state-of-the art technologies;

Development, administration and maintenance of secured networks;

Securitization of large corporate data assets;

GateLink

Services:

Software and IT Services:

Custom Software Development Services by request;

Networks development and maintenance services;

Design, Development and Administration of online digital platforms - websites, e-shops, e-administrative systems, etc.

Business research and Business Intelligence services; (Specialized BI Services)

R&D Activities;

SEO and SMM

GateLink

CRYPTHOR:

The story behind:

- CRYPTHOR is a project that unites years of experience of our engineers and security analysts and provides modular based software solutions that cover the most sophisticated modern requirements and standards in the field of cyber security, information security, data protection and cyber defense.

- CRYPTHOR is a project that aims to provide to the audience a new type of post-quantum cryptography system that eliminates most of the common weaknesses that occur in basic and more complex cryptographic systems designed for securing small to large enterprises, structures, organizations and their data arrays and information flows.

- CRYPTHOR was started back in early 2009 as part of the large R&D project Black Screen which focus was design and development of new type people centric software that corresponds with the needs of the modern business person, IT professional and the enterprise of the new century. Through the work on the Black Screen project the team behind CRYPTHOR managed to develop a number of sophisticated software solutions that managed to prove themselves as an easy-to-use software tools for the everyday work.

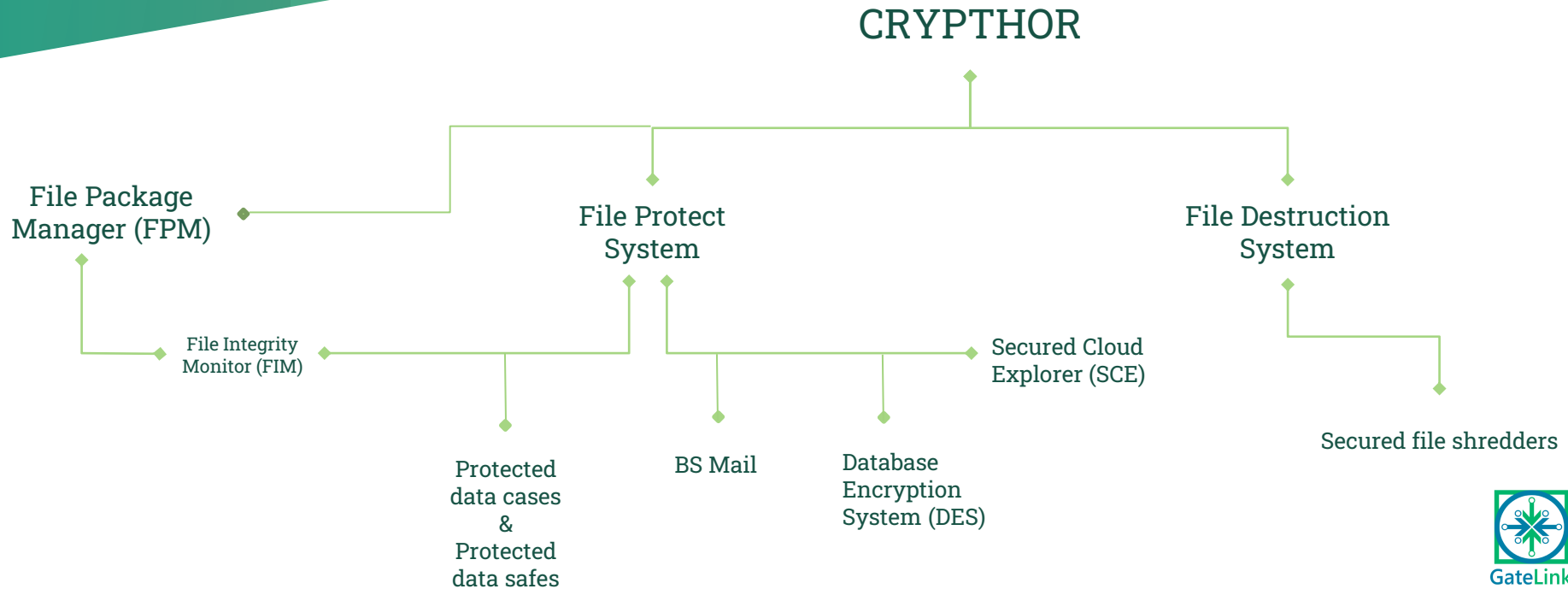GateLink

CRYPTHOR:

The story behind:

What is behind CRYPTHOR:

- More than 20+ years of proven experience in the IT industry and deep knowledge of the main principles that lay down in the foundations of modern cyber world and its processes.

- Deep knowledge that covers the areas of AI, ML, Math and their fundamentals. Moreover, we focus also on the deep understanding of the mathematical apparatus that stays behind the contemporary cyberthreats and cyberattacks.

- State-of-the art cryptographic algorithms and mechanisms along with innovative security management approaches. CRYPTHOR provides you with inimitable strong encryption system that reduces security risk with up to 75%.

GateLink

CRYPTHOR project in a nutshell:

CRYPTHOR

File Package
Manager (FPM)

File Protect
System

File Destruction
System

File Integrity
Monitor (FIM)

Secured Cloud
Explorer (SCE)

Protected
data cases
&
Protected
data safes

BS Mail

Database
Encryption
System (DES)

Secured file shredders

GateLink

CRYPTHOR project:

Applied Standard Encryption Algorithms:

- AES (block size – 128 bit; key length: 128, 192 and 256 bit;)
- Blowfish;
- Haval (256 bit, 5 passes);
- CAST – 128 (CAST – 5);
- CAST 256 (CAST – 6);
- Information Concealment Engine (ICE);
- Information Concealment Engine 2 (ICE – 2);
- ICE Encrypt;
- Mitsubishi Improved Security Technology – MISTY – 1;
- Ron's Code 2 or Rivest's Cipher 2 (RC – 2);
- Ron's Code 4 or Rivest's Cipher 4 (RC – 4);
- Ron's Code 5 or Rivest's Cipher 5 (RC – 5);
- Ron's Code 6 or Rivest's Cipher 6 (RC – 6);
- Serpent;
- Tiny Encryption Algorithm (TEA);
- Twofish;
- Etc.

GateLink

CRYPTHOR project:

Applied Hash functions:

- Secure Hash Algorithm – 1 (SHA-1);

- RIPEMO – 160;

- Haval (256 bit, 5 passes);

- Message Digest – 5 (MD-5);

- Message Digest – 4 (MD-4);

- Tiger;

- RIPE MD – 128;

- SHA – 256 (SHA-2 Family);

- SHA – 384 (SHA-2 Family);

- SHA – 512 (SHA-2 Family);

GateLink

CRYPTHOR project:

Applied ISO – Standards:

- ISO-10116: Information Processing – Modes of Operation for an n-bit block cipher algorithm;

- ISO 9797: Data cryptographic techniques – Data integrity mechanism using a cryptographic check function employing a block cipher algorithm;

- ISO 10118-2: Information technology – Security Techniques – Hash-functions – Part 2: Hash-functions using an n-bit block cipher algorithm;

- ISO 9798-2: Information technology – Security techniques – Entity authentication mechanisms – Part 2: Entity authentication using symmetric techniques;

- ISO 11770-2: Information technology – Security Techniques – Key management – Part 2: Key management mechanisms using symmetric techniques;

GateLink

CRYPTHOR project:

Applied USA – Standards:

- Encryption: Data Encryption Standard (DES)-FIPS 46-3;

- Encryption: DES Modes of Operation – FIPS 81;

- Encryption: Advanced Encryption Standard (AES) – FIPS 197 (with keys sizes of 128 and 256 bits);

- Hashing: Secure Hash Algorithm – FIPS 180-2 (using SHA-256 and SHA-384);

- Guidelines on Electronic Mail Security – Special Publication 800-45 Version 2;

GateLink

Training and certification:

When knowledge is important…

GateLink

Training and certification:

Gatelink provides to its clients and partners various training and certification activities related to cybersecurity, information security, personal data protection, etc.

In our training and certification activities we partner with the company TRECCERT which is a provider of training and certification courses related to cybersecurity, information security and personal data protection, business processes management, and more.

With this partnership we aim to be able to cover a wide area from the modern IT industry and the related activities.

The training and certification activities Gatelink and TRECCERT provide are oriented towards the modern IT specialist who needs to possess strong knowledge regarding the fundamentals of the contemporary IT society, its processes and security essentials.

TRECCERT

GateLink

Training and certification:

The training and certification courses provided by Gatelink and TRECCERT are separated on an expertise level and can be considered the following three groups of courses:

 - **Introductory level courses** – these courses aim to provide entry professionals in the IT industry with the required minimum knowledge regarding terminology, processes, concepts, applicable laws, regulations, and related best practices.

 - **Intermediate level courses** – these courses are oriented both towards entry professionals in the IT industry and experienced ones (junior to mid-level) with the required minimum knowledge regarding particular standards and regulation that possess a significant impact over the modern business, IT structures, etc.

 - **Professional level courses** – these courses are oriented towards mid-level to senior level professionals in the IT industry, and personnel who need to demonstrate in-depth understanding and adequate application of particular international standard or regulation and to be able to carry out and implement auditing processes in their structures.

TRECCERT

GateLink

Training and certification:

Here is provided a non-exhaustive list of the courses that are provided under our partnership with TRECCERT separated into expertise level groups:

Introductory level courses:

- GDPR foundation;
- Data protection essentials;
- Auditor essentials;
- ISO/IEC 27001 foundation;

Intermediate level courses:

- Information Security Specialist in Remote work;
- Data Protection Specialist in Remote work;
- Data Protection Specialist Impact analysis;

Introductory level courses:

- ISO/IEC 27001 Professional;
- ISO/IEC 27001 Lead Implementer;
- ISO/IEC 27001 Lead Auditor;
- ISO/IEC 27005 Specialist;
- ISO 19011 Lead Auditor;

TRECCERT

GateLink

Training and certification:

For all our training and certification activities we provide detailed information after a written request from the interested company or organization.

If you are interested to learn more, or seek to advance your employees knowledge and skills, do not hesitate to reach us at :

✉ office@gatelink.bg

Our colleagues will be pleased to assist you in choosing the proper course regarding your needs.

TRECCERT

GateLink

Hardware provision & Infrastructure development.

When you don't want to compromise with equipment.

GateLink

Hardware provision & Infrastructure development:

- Gatelink possess significant experience in IT infrastructure provision, development, administration and support.
- As a partner of leading companies like Lenovo and HP, we provide our clients with modern hardware and software solutions, that are tailored to their specific needs and budget.
- Here at Gatelink we focus not only on provision, we strive to provide you with value-added services that allow reduction of IT-costs, better security and risk management, and single multi-solutions vendor.
- With a team of proven IT professionals that are going through periodical partner certifications we can provide our clients with exceptional service and administration programs, that guarantee reliability, quality, security and business efficiency.

Hardware provision & Infrastructure development:

Some of the Services we provide in this direction are:

- Hardware equipment provision & System integration;

- Design and development of IT infrastructure;

- System support and administration;

- Network development services;

- Consulting and advisory;

- Etc.,

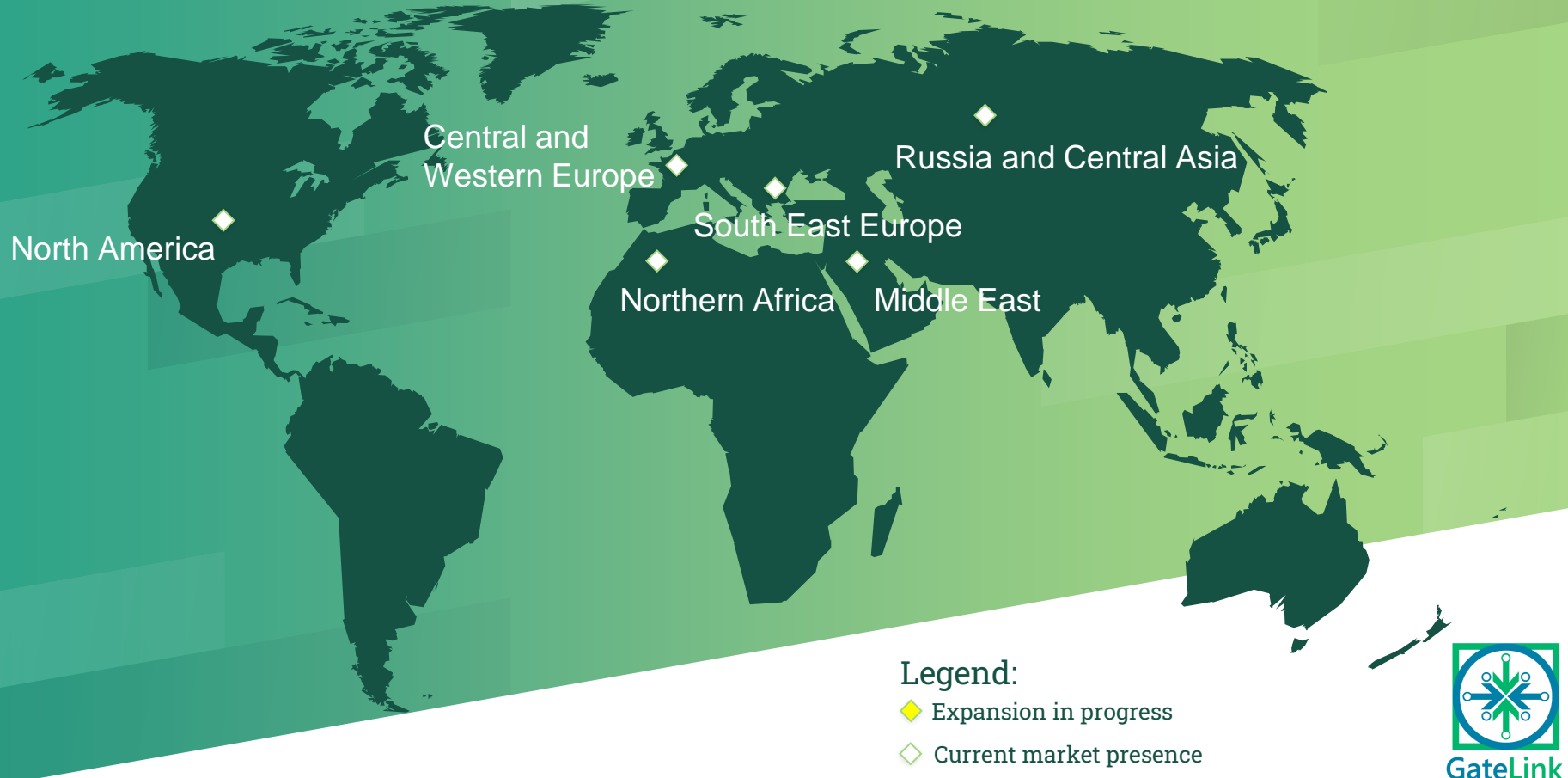Interested to learn more, contact us at: office@gatelink.bg

Business operations:

Where you can find us, and how we work with you...

GateLink

Online Marketplaces:

You can find our software products in the following online marketplaces:

- Microsoft store: https://store.microsoft.com

- Allsoft marketplace: https://store.allsoft.com

- Softline marketplace: https://store.softline.com

We will be happy if you like our products and leave us a opinion or rate them in the marketplace.

GateLink

Licensing policy:

We have a flexible licensing policy.

Gatelink provide its software products in two types: For end customers – End-user solutions and for Business partners – Development modules;

The End-user solutions are provided on a lifetime license, periodic license – 1,3,5 or 10 years or on a subscription. All solutions that we provide to our customers are on-premise. Under certain conditions we provide cloud-based solutions and services.
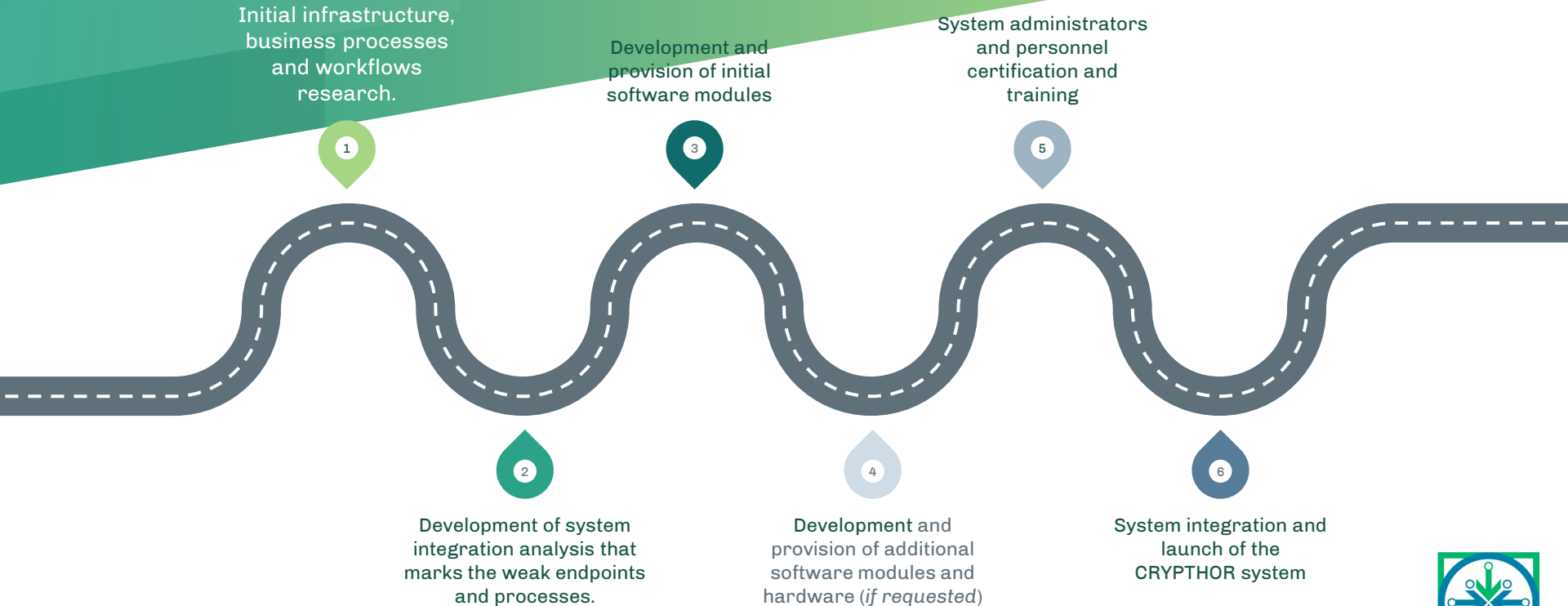
The solutions for business partners are licensed on a project basis and here we are providing only "raw" software modules that are ready for integration in a custom software project or solution. For more information please feel free to send us an enquire.

Every type of solution is provided with education and training for the administrative personnel and the people who will be working with the system and Gatelink provides 24/7 support for all of its software solutions.

GateLink

Solution integration roadmap:

Initial infrastructure, business processes and workflows research.

1

Development and provision of initial software modules

3

System administrators and personnel certification and training

5

2

Development of system integration analysis that marks the weak endpoints and processes.

4

Development and provision of additional software modules and hardware (*if requested*)

6

System integration and launch of the CRYPTHOR system

GateLink

Business sectors we cover:

- Fintech;
- Government;
- Logistics and Transport;
- Healthcare;
- Telecommunications;
- Education;

- Agriculture and Forestry;
- Mining Industry;
- Energy;
- Insurance;
- Banking and Investment;
- Public services;

- Chemical industry;
- Defense and Security;
- Etc.;

Don't find your business sector here, do not hesitate to write to us and we'll return quickly back to you. 😉

GateLink

Interested to learn more about us?

Do not hesitate to reach us at: ✉ office@gatelink.bg

Follow us on LinkedIn: Gatelink Ltd. Bulgaria

See what new about us at: 🌐 https://gatelink.bg

We are looking forward to work with you...!

GateLink