

“We are a fast-growing company specialized in the development of a patented new generation of nanoparticles for sensitive applications. We count several teams including management, finance, administrative and scientist people. All of us are needing to rely on our IT-system in terms of performance, reliability, capacity and security.”



◆ THE CHALLENGE

In quest research for sealed communications and secured environments, these organisations typically are in need for a carefree measurement and a proactive watching eye. They are much more in need for a personalized advice and a tailor-made security service than a product reseller. Cybersecurity is expected to make a part of the DNA of the partner and must not be just an add-on feature package. Over the years, EMDYN has built up expertise in this field as well as an excellent reputation and offers a custom managed cyber security service to its customers.

EMDYN's customers demand absolute transparency both company and the services provided. EMDYN can offer this up to layer 2 within the OSI model, because they have everything in their own hands. In order to meet these demanding requirements, they have chosen Juniper as their technology partner. The flexibility of the JunOS operating system - which extends from the MX routers to the SRX firewalls and EX switches - provides the full required transparency. A self-evident customer requirement was also bandwidth guarantee. The Juniper hardware is extremely efficient and lives up to the bandwidth promises. Most of the time these devices are at rest, but when the demand is there, they make the difference.

◆ ABOUT EMDYN

Every organisation is a potential target for Cybercrime. Some take this more seriously than others, but in any case, the challenge is to be at least one step ahead. If any attack takes place, one must take actions as soon as possible. EMDYN has the power, the tools and the knowledge to move organisations from a reactive to a pre-emptive stance.

The CEO Tim Van Renterghem is a visionary when it comes to cyber and intelligence. He started the company more than a decade ago to become a leader in this niche area. During this decade EMDYN specialised in protecting assets, both physical and virtual, from all kinds of threat actors, tools and TTPs arising from the digital domain.

A typical customer of EMDYN is particularly aware of the dangers. Lots of them are international governmental organizations that are cyber conscious.

◆ DATACENTER AS A PARTNER

EMDYN's infrastructure is located in Equinix data centres. (Nasdaq: EQIX) in the centre of the Netherlands. Thanks to this partner, EMDYN has the possibility to connect multiple data centres with a very fast and privatized and secure backbone with minimal latency. EMDYN cooperates with several international telecom partners from where they receive multiple full BGP IPv4 and IPv6 peers.

◆ EXPANDABILITY

The intention is to expand geographically, to also have points of presence outside Europe. Juniper is completely ready for 5G, is very scalable and stable and as a result can stand up to any dynamic growth EMDYN is facing. To enhance security, a two-level security border was designed. Unfortunately, it is not recommended to implement two layers with the same brand, but the SRX firewalls are at first level of defence and cash in the attacks.

▶ WHY KAPPA DATA

To strengthen themselves in their choices, EMDYN selected Kappa Data as their distribution partner, because of their personal approach and comprehensive expertise. The fact that they are located close by is a big advanced to enhance the personal touch. Kappa Data has a stable structure whereby communications are always direct and don't disappear in a massive structure. In projects they join as a team and put a lot of energy and guidance at all levels to complete in tremendous success.

- Quote deputy CEO European Company

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The former IT-solution we had, became rapidly obsolete in terms of performance and security. Since we had heard about EMDYN from external contacts involved in cybersecurity, we decided to ask EMDYN to think about a new IT architecture that would cover all our needs, keeping in mind we had a limited budget for it. After exchanging with us to identify our real needs, EMDYN has designed a specific solution, totally tailor made for us, minimizing the risk of potential internal/external threats thanks to a new IT-organization, including new equipment and the education of our people.

Thanks to EMDYN's initial work and its continual follow up and support at a reasonable cost, our way of working moved to a new dimension, making our employees happier to work with the new IT solution, and the management and shareholders more comfortable in terms of data security and protection against cyberattacks and other threats."



Equinix data centres.

▶ ABOUT JUNIPER NETWORKS

Juniper Networks has been a leading company in Networking. They believe that creating simplicity through engineering is the highest form of innovation. They provide the kind of innovative thinking, performance, automation, and commitment that enable the world's best networks.

In 2019 Mist Systems was taken over by Juniper Networks. This acquisition will strengthen Juniper's enterprise networking portfolio by combining Mist's next-generation WLAN platform with Juniper's LAN, SD-WAN and security solutions.

Mist has built the first AI-based Wireless LAN, making Wi-Fi predictable, reliable and measurable, in combination with scalable location determination services such as indoor navigation, proximity messaging and asset visibility.

EMDYN EMERGING DYNAMICS

Emerging Dynamics (EMDYN) helps protect critical information systems and operations of businesses and governmental organisations. EMDYN recognise that clients have a range of security needs that are individual to their own business landscapes so they tailor their service to these situations rather than simply offer catch-all solutions.

JUNIPER NETWORKS

Is an American multinational corporation headquartered in California. The company develops and markets networking products, including routers, switches, network management software, network security products, and software-defined networking technology.

◀▶ Kappa Data

Kappa Data was chosen as distributor for its excellent added value services in technical, sales and pre-sales stages. The relationship between EMDYN and Kappa Data has been developed throughout the years and is very constructive. Projects as those aren't tackled alone, they are best completed with the assistance of a distributor that has the necessary experience.