FROST & SULLIVAN

2024 Frost & Sullivan
New Product Innovation Award

The Global OT Cybersecurity Solutions Industry Excellence in Best Practices

FROST & SULLIVAN BEST PRACTICES AWARDS

Cyber 2.0

Congratulations!

Frost & Sullivan is proud to present Cyber 2.0 with this year's Best Practices New Product Innovation Award in the global OT cybersecurity solutions industry.

Frost & Sullivan's global team of Growth Pipeline experts continually identifies and evaluates growth opportunities across multiple industries, technologies, and regions of the world. As part of this ongoing effort, we identify companies that consistently develop growth strategies based on a visionary understanding of the future and effectively address new challenges and opportunities. This approach involves the deployment of best practices and strategic analytics across a value chain. Against this backdrop, Frost & Sullivan recognizes Cyber 2.0 for its valuable achievement.

Frost & Sullivan reserves this recognition for companies at the forefront of innovation and growth in their respective industries. These companies consolidate their leadership positions by innovating and creating new products, solutions, and services that meet ever-evolving customer needs. By strategically broadening their product portfolios, leading companies advance the overall market. Driving innovation and growth is a difficult task made even harder by the strategic imperatives forcing change today, such as disruptive technologies, value chain compression, industry convergence, and new business models. In this context, Cyber 2.0's recognition signifies an even greater accomplishment.

Moreover, this recognition is the result of many individuals (employees, customers, partners, and investors) making critical decisions every day to support the organization and contribute to its future. Frost & Sullivan enthusiastically acknowledges and celebrates their contributions.

Once again, congratulations on your accomplishments. We wish you great success!

Sincerely,

David Frigstad
Chairman
Frost & Sullivan

Best Practices Criteria for World-Class Performance

Frost & Sullivan applies a rigorous analytical process to evaluate multiple nominees for each award category before determining the final award recipient. The process involves a detailed evaluation of best practices criteria across two dimensions for each nominated company. Cyber 2.0 excels in many of the criteria in the OT cybersecurity solutions space.

AWARD CRITERIA

New Product Attributes	Customer Impact
Match to Needs	Price/Performance Value
Reliability	Customer Purchase Experience
Quality	Customer Ownership Experience
Positioning	Customer Service Experience
Design	Brand Equity

Outpacing the Hackers in the Continually Developing OT Cybersecurity Space

As the world continues to connect through converged digital platforms, the integration of people and disparate systems across geographies and industries is gathering pace. As a result, operational technology (OT) systems, which typically existed behind air gaps or remained disconnected from organizational networks, are now connected to a digital ecosystem where improved threat protection is essential. Because of the differences between OT systems and devices within the IT environment, traditional IT cybersecurity solutions have proven unable to adequately monitor OT networks for active or latent threats, conduct accurate risk or threat assessment, or even differentiate between normal and abnormal behaviors on the network. When this challenge is coupled with the rapidly evolving digital threat landscape and growing sophistication of cyber-attackers, OT systems find themselves far more vulnerable to potential attacks that could disrupt business operations and impact large swaths of society. These challenges have contributed to the rapid rise and development pace that is ongoing for OT-specific cybersecurity solutions, including OT threat detection, visibility, and mitigation platforms. Once considered a niche use case, OT cybersecurity solutions and security processes are essential to security strategies throughout government, critical infrastructure, and commercial businesses. These provide considerable growth opportunities for vendors looking to safeguard the most mission-critical assets and organizations.

Many OT cybersecurity solution providers' threat detection and mitigation offerings are modeled on IT-focused platforms with similar capabilities. This model has been the standard for many OT cybersecurity

platform vendors; however, this approach requires vendors to always be one step ahead of the attackers in determining the current and upcoming threat types and signals to hunt. This constant push-and-pull between vendors and attackers not only relies on continuous vigilance by the solution providers but leaves customers having to trust that their cybersecurity solution is using the most up-to-date threat intelligence or detection capabilities.

Breaking through the Chaos: Cyber 2.0's Vortex Gateway and Containment Engine

With most OT cybersecurity solutions continuing to play whack-a-mole with cyber-attackers, Israeli-headquartered Cyber 2.0 sought to create a simplified OT solution built with technology that can provide even more excellent protection. With this mission, Cyber 2.0 started a unique, defense-grade cybersecurity technology that could offer safety and containment capabilities for an OT security solution previously unseen in the industry. Cyber 2.0's unique Containment Engine technology is the first to be conceived based on mathematical Chaos Theory principles; it holds nine patents to create a technical capability that combines zero trust processes, network access control, network obscurement, and extended detection & response functionality. The company's Vortex Gateway solution utilizes the Containment Engine technology to protect an organization's entire IT, OT, and IoT device stack through a single ecosystem.

> *"Cyber 2.0 has created a unique, defense-grade cybersecurity technology that could offer protection and containment capabilities for an OT security solution previously unseen in the industry."*
>
> ***- Danielle VanZandt, Industry Manager – Commercial & Public Security***

The Vortex Gateway and Containment Engine synergize Chaos algorithms, performing unique network scrambling to all incoming and outgoing traffic among connected devices. The solution also uses a remote tracking mechanism to deliver enhanced audit visibility and compliance logging, enabling OT customers to experience robust cybersecurity protections from existing and new threat vectors throughout their devices. Cyber 2.0's solutions are easy to deploy through one-click installation options, ensuring no downtime or need for phased integration. The solutions can be deployed across both on-premise and cloud environments (even extending protections to legacy devices that are unable or not allowed to be changed) and are managed through a single dashboard for the entire organizational device stack. The Vortex Gateway uses an autonomous agent that does not require internet connectivity, long-term updates, or patches, dramatically reducing the operational burdens on organizational security teams.

From the customer point of view, Vortex Gateway is simple to use once it is deployed. It forms a "Chaos balance" between authorized computers and devices across the organizational infrastructure. When any unauthorized or unknown device attempts to gain network access or requests access privileges, Vortex Gateway will automatically block these attempts. In addition, the Containment Engine continuously scrambles and shifts the incoming and outgoing network traffic ports through Chaos mathematics. This method effectively obscures the correct access ports from any attack attempt by a malicious actor, resulting in a failed access attempt. If any tampering of the Vortex Gateway agent or misconfiguration file manipulation is detected, the Containment Engine immediately locks down the network and isolates the infected device from the rest of the organizational network, ensuring uninterrupted operations with immediate quarantining of potential malicious traffic.

Proven Results for a Unique Cybersecurity Approach

Between the Containment Engine and the Vortex Gateway solutions, Cyber 2.0 asserts that its technology cannot be breached and that its advanced Containment Engine offers complete preventative security across the organizational infrastructure. Cyber 2.0 further backs up this assertion, citing how it has not been hacked over the past four years despite over four million attacks attempted by over 5,500 hackers from 30 countries. Throughout the use life of Vortex Gateway and the Containment Engine, customers will only see negligible CPU and memory usage, no change in network throughput, zero impact on browsing and device boot time, and zero impact on overall file usage, no matter the device type. Cyber 2.0's solutions fully comply with the data privacy and protection requirements inherent to the European Union's General Data Protection Regulations (GDPR) and have achieved the ISO/IEC 27001:2013 and ISO 2799:2016 certification. Cyber 2.0 is also collaborating with the United States' National Cybersecurity Center of Excellence (NCCoE) in Water/Wastewater Cybersecurity Consortium to develop cybersecurity solutions that protect critical infrastructure throughout the water utilities sector. With this deep industry expertise, the company is able to prove the long-term usage of its solutions could replace an organization's ongoing investments in next-gen antivirus, intrusion detection and prevention solutions, firewalls, network access control, bring-your-own-device, password configuration tools, and honeypot solutions, ensuring a much higher return on investment.

> *"Cyber 2.0 proves this assertion, citing how over the last four years, it has not been hacked despite over four million attacks attempted by over 5,500 hackers from 30 countries—all resulting in failed attempts."*
>
> ***- Danielle VanZandt, Industry Manager – Commercial & Public Security***

The cyber 2.0 system was installed in our IT and OT networks about 1 year ago. Cyber 2.0 system unique solution, combined with excellent technical support, has exceeded our expectations. It has provided reliable and secure IT and OT networks, ensuring smooth operations. We sincerely appreciate cyber 2.0 team professionalism and dedication. We look forward to our continued partnership and future innovations.

Amnon Shafir, CISO, Ein Netafim Sewage and Water Utility

One of the standout qualities of Cyber 2.0 is their commitment to client satisfaction. From the initial consultation to the final implementation, they ensure a seamless and efficient process. Their team takes the time to understand the unique challenges and requirements of each organization, allowing them to provide customized solutions that effectively mitigate risks and protect against cyber threats.

Lior Cohen Gershon, CIO, Meniv LTD

Conclusion

Rapid technological developments and increasing connectivity have brought many new devices, systems, and assets into the digital ecosystem. While improving organizational processes, this connectivity has

introduced formerly disconnected OT architecture to a more active and ever-changing threat landscape. Rather than following the typical pattern of emulating IT security capabilities for the OT ecosystem, Cyber 2.0 has created a unique yet highly secure approach to delivering these protections. Building upon the mathematical Chaos Model, Cyber 2.0's advanced Containment Engine and Vortex Gateway solutions provide a highly secure yet simplified cybersecurity solution for the complete IT, OT, and IoT device stack.

For its unique technical capabilities and proven threat resiliency, Cyber 2.0 is recognized with Frost & Sullivan's 2024 Global New Product Innovation Award in the OT cybersecurity solutions industry.

What You Need to Know about the New Product Innovation Recognition

Frost & Sullivan's New Product Innovation Award recognizes the company that offers a new product or solution that uniquely addresses key customer challenges.

Best Practices Award Analysis

For the New Product Innovation Award, Frost & Sullivan analysts independently evaluated the criteria listed below.

New Product Attributes

Match to Needs: Customer needs directly influence and inspire product design and positioning

Reliability: Product consistently meets or exceeds customer performance expectations

Quality: Product offers best-in-class quality with a full complement of features and functionality

Positioning: Product serves a unique, unmet need that competitors cannot easily replicate

Design: Product features an innovative design that enhances both visual appeal and ease of use

Customer Impact

Price/Performance Value: Products or services provide the best value for the price compared to similar market offerings

Customer Purchase Experience: Quality of the purchase experience assures customers that they are buying the optimal solution for addressing their unique needs and constraints

Customer Ownership Experience: Customers proudly own the company's product or service and have a positive experience throughout the life of the product or service

Customer Service Experience: Customer service is accessible, fast, stress-free, and high quality

Brand Equity: Customers perceive the brand positively and exhibit high brand loyalty

About Frost & Sullivan

Frost & Sullivan is the Growth Pipeline Company™. We power our clients to a future shaped by growth. Our Growth Pipeline as a Service™ provides the CEO and the CEO's growth team with a continuous and rigorous platform of growth opportunities, ensuring long-term success. To achieve positive outcomes, our team leverages over 60 years of experience, coaching organizations of all types and sizes across 6 continents with our proven best practices. To power your Growth Pipeline future, visit Frost & Sullivan at http://www.frost.com.

The Growth Pipeline Engine™

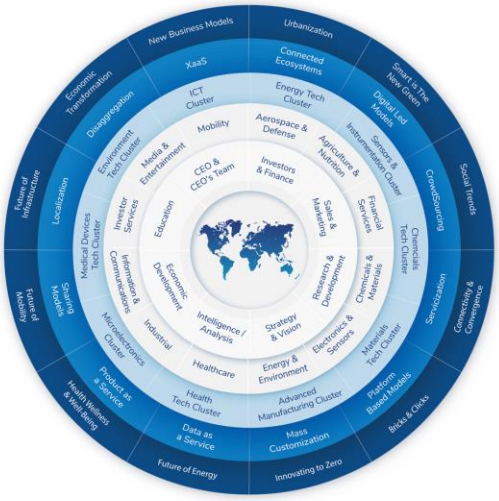
Frost & Sullivan's proprietary model to systematically create ongoing growth opportunities and strategies for our clients is fuelled by the Innovation Generator™.
Learn more.

Key Impacts:

- **Growth Pipeline:** *Continuous Flow of Growth Opportunities*
- **Growth Strategies:** *Proven Best Practices*
- **Innovation Culture:** *Optimized Customer Experience*
- **ROI & Margin:** *Implementation Excellence*
- **Transformational Growth:** *Industry Leadership*

The Innovation Generator™

Our 6 analytical perspectives are crucial in capturing the broadest range of innovative growth opportunities, most of which occur at the points of these perspectives.



Analytical Perspectives:

- Mega Trend (MT)
- Business Model (BM)
- Technology (TE)
- Industries (IN)
- Customer (CU)
- Geographies (GE)

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