Frost & Sullivan Institute

Enlightened Growth Leadership
Best Practices Recognition - Emerging Companies

Companies Driving a Sustainable Future, 2024

FROST & SULLIVAN
BEST PRACTICES
AWARDS

CYSEC

The Growth Pipeline Company™

Congratulations!

Frost & Sullivan Institute, in partnership with Frost & Sullivan, is proud to present CYSEC with the Enlightened Growth Leadership Award for Emerging Companies[1], 2024.

Frost & Sullivan's global team of growth pipeline experts continuously identifies and evaluates growth opportunities across multiple industries, technologies, and regions of the world. As the world emerges into the new norm disrupted and accelerated by the COVID-19 pandemic, it is becoming increasingly important for companies to leverage opportunities to shed old ways of thinking, build value chains that leave no stakeholders behind, and create foundations for stable growth to thrive in these new environments. We identify companies that demonstrate the commitment to embrace emerging technologies and protocols and generate opportunities for all while sustaining continued growth and highlighting best practices for sustainable development. This approach involves deep strategic deliberation around best practices and the development of core analytics across the entire value chain of specific products and services. Against the backdrop of these analytics, Frost & Sullivan Institute, in partnership with Frost & Sullivan, recognizes CYSEC for its valuable achievement.

Frost & Sullivan strictly reserves this recognition to companies at the innovation to zero and growth forefront in their respective industries. These companies demonstrate proactivity in utilizing business practices to 'innovate to zero' and address global priorities while securing sustainable growth. These companies also uniquely leverage technology and boost their industry partner ecosystem to serve ever-evolving customer needs in a way that facilitates environmental initiatives and supports the planet's well-being. Moreover, by combining business sense with a moral imperative, these companies demonstrate aspirational ideals beyond the simple goal of generating profits.

Moreover, this recognition is the result of many individuals (employees, customers, partners, and investors), making critical decisions every single day to support the organization and meaningfully contribute to its own future in a sustainable and socially responsible way. Frost & Sullivan in partnership with Frost & Sullivan Institute enthusiastically acknowledges and celebrates their contributions.

Once again, congratulations on your accomplishments, and we wish you great success in the future.

Sincerely,

David Frigstad
Chairman, Frost & Sullivan and Executive Director, Frost & Sullivan Institute

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[1]Emerging Companies: For the purpose of this award, we define Emerging Companies as companies that are 3-5 years in the market and have products/services focused on innovating global challenges to zero.

Best Practices Criteria for World-Class Performance

Frost & Sullivan Institute leverages Frost & Sullivan's rigorous analytical process to evaluate multiple nominees for each recognition category before determining the final recipient. The process involves a detailed evaluation of best practices criteria for each nominated company. CYSEC excels in multiple criteria.

Why Now?

The world is at a tipping point, with climate change, AI advancements, and geopolitical instability transforming our reality. As we face record heat, melting icebergs, and job disruption due to AI, the need for innovative solutions has never been greater. Companies must now rise to the challenge, pioneering bold and transformative solutions that not only tackle these global crises but also pave the way for a resilient and sustainable future.

The Frost & Sullivan Institute's Enlightened Growth Leadership Best Practices Recognition celebrates organizations committed to tackling these pressing global challenges. By aligning their business practices with sustainable growth, companies like CYSEC have demonstrated leadership in innovation and long-term success. CYSEC is a European cybersecurity company headquartered in Switzerland and France, with operations extending to the US and Italy. The company focuses on protecting sensitive data and infrastructure in industries such as space, finance, and telecommunications. Since its inception in 2018, CYSEC has been at the forefront of securing mission-critical systems, particularly for satellite communications and space-based assets. Through innovative end-to-end security solutions, CYSEC addresses the ever-growing cyber threats in today's interconnected and rapidly evolving digital and physical landscapes.

Why You?

'Innovating to Zero' on Global Priorities

CYSEC's approach extends beyond just securing data; it focuses on addressing security architecture that provides proactive defense against threats, integrating advanced encryption techniques, and offering seamless solutions for secure data processing. In a world where data security and privacy are non-negotiable, CYSEC ARCA Trusted OS is a key enabler for businesses seeking to adopt cloud-native architectures without the fear of breaches. It is designed to enable businesses to secure their data in an increasingly complex digital environment. The operating system utilizes Confidential Computing technology to protect data in use, an innovative approach that prevents data breaches even when the data is actively being processed. This technology allows organizations to protect their most sensitive information without compromising operational efficiency.

Similarly, ARCA SATLINK is the software implementation of the Space Data Link Security (SDLS) protocol by the Consultative Committee for Space Data Systems (CCSDS) which provides on-ground and on-board access to functions like encryption and authentication along with advanced key management and monitoring functions to protect satellite communications.

CYSECs ARCA SATCOM VPN combines performance and security for space internet networks. It is the first VPN for space internet to integrate security and acceleration. It uses advanced technology to secure data and make space internet connection twice as fast as a standard VPN.

In addition to its technological innovation, CYSEC's dedication to advancing cybersecurity practices is evident in its creation of an innovation team, specifically tasked with pushing the boundaries of data protection technologies. This team of experts in various fields, including cryptography, software and aerospace engineering, quantum technologies, and more is focused on ensuring CYSEC stays ahead of the curve in tackling emerging cybersecurity challenges. The company's holistic approach, which includes both product development and a focus on the growth of its team, ensures that CYSEC remains at the forefront of the cybersecurity space.

The Frost & Sullivan Institute applauds CYSEC's pioneering role in securing the future of the digital world. By seamlessly combining advanced cybersecurity technologies with sustainable practices, CYSEC continues to drive industry-wide change and empower organizations to thrive in a secure, sustainable, and digitally connected world.

Growth Excellence and Technology Leverage

CYSEC is an innovative cybersecurity company focused on providing data protection solutions to businesses. Since 2018, CYSEC has provided world-leading, high-performance cybersecurity tools to ensure robustness, performance, confidentiality, and integrity for the burgeoning trillion-dollar space asset market. CYSEC has positioned itself as a leader in addressing the evolving needs of data security.

"By delivering a highly secure, practical, and affordable solution, CYSEC has set itself apart in the cybersecurity industry. The company has a strong foundation of innovation and is supported by an environment dedicated to continuous learning and development. CYSEC further promotes a culture of excellence through its focus on nurturing talent and enhancing skills within its team."

-Shreya Ghimire, Research Analyst, Frost & Sullivan Institute

One of the company's most significant achievements is the development of CYSEC ARCA Trusted OS, a highly secure operating system that leverages Confidential Computing technologies to safeguard sensitive data against emerging threats. CYSEC's commitment to growth and technological advancement is evident in its creation of CYSEC ARCA Trusted OS, which is built on years of expertise and deep knowledge in cryptography.

Similarly, as the first encryptor for space internet, ARCA SATCOM by CYSEC not only boosts the company's performance but also ensures that a company's digital infrastructure is 100% reliable and secure.

To grow the adoption of security in space communications, CYSEC developed ARCA SATLINK, a software product providing end-to-end protection of telecommand (TMTC) data and payload data.

CYSEC's dedication to practical, and scalable solutions is aligned with their commitment to provide their clients with the most advanced and comprehensive cybersecurity solution available. Frost & Sullivan Institute applauds the growth excellence of CYSEC, evident in its innovative efforts. The company's ability to scale its operations and its increasing value to global companies points to its leadership in the digital business services sector.

Conclusion

The Frost and Sullivan Institute is proud to award CYSEC with the Enlightened Growth Leadership Award for Emerging Companies, 2024, for its outstanding contributions to the cybersecurity landscape. In a world where cyber threats grow more sophisticated each day, CYSEC's pioneering work in data security, particularly through innovations like Confidential Computing, sets a benchmark for excellence.

The company's unwavering focus on eliminating vulnerabilities, ensuring robust protection, and fostering a culture of continuous innovation positions it as a trailblazer in the industry. By redefining the standards for cybersecurity and empowering industries to operate securely, CYSEC not only mitigates emerging threats but also embodies the spirit of innovation to zero—zero breaches, zero risks, and zero compromises.

What You Need to Know about the Enlightened Growth Leadership Recognition

Frost & Sullivan Institute's Enlightened Growth Leadership Best Practices Recognition identifies the company that addresses the global priorities as identified by the Institute and demonstrates sustainable growth in the industry.

Best Practices Recognition Analysis

For the Enlightened Growth Leadership Best Practices Recognition, Frost & Sullivan analysts independently evaluated the criteria listed below.

'Innovating to Zero' on Global Priorities: The company demonstrates proactivity in 'Innovating to Zero' in terms of one or more of the following global priorities that form the seven pillars of the Frost & Sullivan Institute:

i) **Environment:** Environmental initiatives can include climate change, vulnerable groups, behavioral change, international governance, waste management, or others.

ii) **Education:** Education can encompass equal access, gender parity, EdTech, quality education, education resources, vocational training, or others.

iii) **Infrastructure:** Infrastructure can incorporate infrastructure as a basic right, technology and infrastructure, environment and infrastructure, urban infrastructure, and financing models, among others.

iv) **Healthcare:** Healthcare can comprise healthcare crisis, mental health, finance, healthcare systems, advanced healthcare, and technology and healthcare, among others.

v) **Security:** Human security can refer to transnational governance, human security, food security, or others.

vi) **Human Rights:** Human rights can involve governance, special group rights, justice, or other such elements.

vii) **Economics:** Economics can pertain to inequality, new economic regime, FinTech, behavioral change, or others.

Growth Excellence: The company demonstrates healthy growth over a span of 10 years. It focuses on short-term and long-term growth strategies to maintain a superior industry position. The executive team's vision aligns with the company's growth strategy, effectively translating this vision into growth. The socially responsible organization enforces strategies to increase its share of the customer wallet, successfully differentiating itself from competitors and positively impacting its market share. It also adopts strategies to build upon achieved growth and sustain continued growth while highlighting best practices for sustainable development.

Customer Value Chain: The company pays heed to the planet's well-being and addresses environmental initiatives such as climate change, carbon footprint reduction and elimination, waste management, or clean energy production. Its key value proposition is refined by building on client feedback and continuously improving products and services. The organization prioritizes its customers' needs and

provides significantly greater value for the price. It offers exceptional customer value by providing the best purchase experience to customers, placing importance on providing a high degree of satisfaction amongst existing and potential clients, or ensuring the best and differentiated service experience.

Integrated Coopetition - Industry Partner Ecosystem: The company makes use of unique business models such as corporate partnerships and public-private collaborations to boost the industry partner ecosystem. By combining business sense with a moral imperative, the company demonstrates aspirational ideals beyond the simple goal of generating profits. The organization's efforts to cooperate with competitors reveal its cognizance of a broader vision and endeavors towards positively impacting the overall industry.

Technology Leverage/Innovation: The company incorporates or uniquely leverages technology, standing out among the competition. The technology addresses key future needs and applications and is disruptive to or supersedes existing technologies. The company's technology or technology leverage can be diversely applicable or has created new markets or applications where none existed before. It has introduced creative features and functionality by jumping through hoops to convert its vision into a reality. The organization has a structured process or best practices to incubate new technologies developed internally or through strategic partnerships. The company's innovations or technology incorporation has the potential to become an industry standard.

About Frost & Sullivan Institute

Frost & Sullivan Institute (FSI) is a non-profit organization dedicated to utilizing business practices to address global priorities. The genesis of the institute goes back to our vision of either creating or becoming part of a solution that addresses threats to humanity. Frost & Sullivan Institute has identified strategic imperatives for transformation and believes that by using a Socratic approach, we can truly accelerate innovation to zero. The Institute works in collaboration with leading analyst teams, its internal research team, industry experts, and other partners. It works closely with Frost & Sullivan Inc. to leverage in-house thought leadership in order to identify opportunities for transformation that will arise from innovation, disruptive technologies, and overarching megatrends that will alter the world as we know it today. To learn more about FSI, visit https://www.frostandsullivaninstitute.org/.

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™.

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*
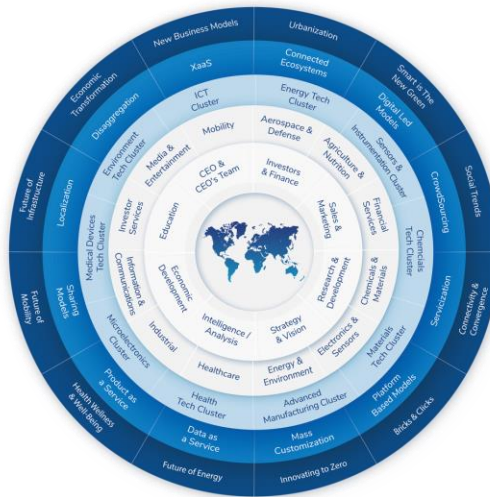
Accelerating Innovation to Zero

The Innovation Generator™

Our six 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)

Accelerating Innovation to Zero

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