



6 Things Contractors Need to Know About **THE SECURITY KIT FOR WIRE MESH TRAY**

The rapid expansion of data centers has brought about significant challenges in maintaining data security standards. According to the United States Agency for International Development (USAID), cyber attacks accounted for \$8 trillion in damages in 2023. This critical situation requires a more robust cable management design to protect data from being intercepted and cables from being tampered with.

Currently, developing a secure solution is both time-consuming and expensive. It often requires contractors to transition from wire mesh to ladder tray or trough tray, a process that involves navigating multiple installation guidelines, purchasing more materials and managing all the materials on the job site.

Recognizing the industry's pressing need for a more effective security solution, Legrand has developed the innovative Security Kit accessory for wire mesh tray. The first of its kind on the market, the Security Kit is a single-source supplier solution that easily converts sections of existing wire mesh tray systems into a completely enclosed, secured run – eliminating the complexity of combining multiple tray styles. With the Security Kit, contractors can secure pathways easier, faster and, most importantly, more reliably than ever.

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*Source: USAID Cybersecurity:
Economic Growth and Trade (EGAT)

In this white paper, we explore six key features of the Security Kit to provide contractors with the knowledge needed to make an informed decision on what solutions to select for securing pathways in high-security areas such as data centers facilities.

1. Designed to Meet Emerging Market Demand

Data centers play a pivotal role in supporting an ever-increasing number of critical operations while safeguarding a significant amount of sensitive information. As these facilities continue to evolve and expand, data privacy and protection has emerged as a top priority and concern.

To meet this demand for robust pathway protection, the Security Kit is designed to serve as a data center's frontline defense against cyber attacks and physical tampering by preventing unauthorized access to the cables carrying data.

2. Ideal for High-Security Commercial Applications

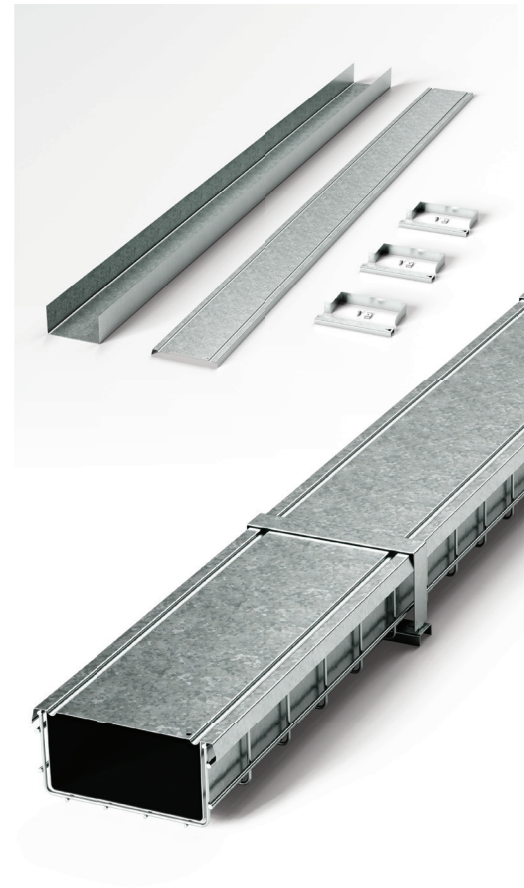
Due to the sensitive data and critical operations in these facilities, data centers and other high-security applications have unique needs for maintaining their cable management systems. Pathways need to be secured even when passing through unsecured spaces, including public areas of a building.

The Security Kit meets strict industry standards to provide the level of cable protection data centers demand as well as meet the needs of other commercial high-security applications such as colocations, government buildings, correctional facilities and financial institutions.

3. Engineered with Compatibility in Mind

Secure, effective cable management in a data center requires adaptability to accommodate ongoing changes as the facility continues to grow and evolve.

Security Kit was designed with wire mesh tray compatibility in mind. The accessory is compatible with Cablofil Wire Mesh Systems, completely eliminating the need for mixing different types of trays. This seamless integration offers contractors an unparalleled level of adaptability and ease of installation without compromising on security.



4. Single-Source Supplier Solution

Nothing quite slows down the progress of a data center project like the hassle of having to coordinate multiple suppliers. In addition to prolonged project timelines, multiple suppliers can also lead to product quality and compatibility issues.

Security Kit is a single-source supplier solution that helps contractors avoid the pitfalls of working with multiple suppliers. It enables contractors to meet tighter project timelines while providing a high level of product quality and compatibility.

5. Tamper-Proof

Physical tampering with data center cables poses significant risks, including potentially leading to data breaches or network downtime. In some cases, unauthorized access to cables can result in data interception or manipulation, compromising the security of the data center and its relationship with customers.

To mitigate these risks, the Security Kit prevents physical tampering of the system by requiring special tools for removal to access the cables. These tools are typically not found in standard tool kits or carried by most contractors.

6. Backed by an Industry-Leading Brand You Can Trust

The security of data cables requires excellent expertise. Contractors need to collaborate with an industry-leading brand for the best security solutions available on the market.

At Legrand, we are experts in cable management. With our legacy of electrical safety that dates back more than 130 years, and the forward-facing vision that keeps our world-renowned brands innovating for tomorrow, we're delivering the cable security solutions contractors want and need.



Conclusion

The security challenges posed by the rapid expansion of data centers necessitate innovative and reliable solutions for secure cable management. The Security Kit by Legrand addresses these challenges by offering a single-source supplier solution that simplifies the conversion of wire mesh tray systems into fully enclosed, secured pathways.

By leveraging this industry-leading accessory, contractors can confidently secure pathways in high-security areas, protecting data and supporting the critical operations of today's modern data centers and commercial spaces.



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