LanTroVision Adopts the Versiv™ DSX-5000 CableAnalyzer™ to Cut Network Testing Time in Half and Improve Project Management

목차

요점 정리

고객**: Lantrovision

Industry: Cable Installation and Testing

Location: Singapore

도전 과제**:**

LanTroVision은 싱가포르에 본사를 둔 구조화된 배선 및 IT 네트워크 설치 회사로서 아시아, 호주, 아프리카, 유럽, 남아메리카에 자회사 및 제휴 파트너를 두고 있습니다. 연간 수입이 미화 1억 680만 달러(싱가포르 달러로 1억 3354만 달러)가 넘는 LanTroVision은 고객의 기대치를 충족하거나 또는 이를 초과하는 진화하는 제품 및 서비스 라인을 제공함으로써 지속적인 성장에 집중하고 있습니다. 회사는 최고 수준의 네트워크 및 케이블 인프라 서비스를 제공한다는 전통을 확립했지만, 이러한 전통을 유지하는 것은 예산 삭감 및 프로젝트 일정 축소에도 불구하고 더욱 높아지는 고객의 기대치로 인해 더욱 더 큰 어려움에 직면하고 있습니다. 이 회사는 계속해서 더 적은 비용으로 더 많은 일을 하라는 요청을 받습니다.

결과**:**

Fluke Networks DTX-1800 CableAnalyzer로부터 새로운 Versiv DSX-5000 제품 라인으로의 마이그레이션은 해결하기 힘든 문제들 때문에 야기된 것이라기 보다는, 예산 삭감 및 프로젝트 일정 축소의 장을 마련한 차세대 기술의 채택 기회로 인하여 이루어진 것입니다. Versiv DSX 5000은 LanTroVision으로 하여금 절반의 시간 동안 고객 사양에 맞는 케이블 설치 작업을 완료할 수 있게 해줍니다. 이들은 훈련된 기술자가 거의 없는 상황에서도 작업에 사용된 모든 종류의 케이블을 테스트할 수 있게 되며, 고객 네트워크의 가동 시간을 최대로 유지할 수 있게 됩니다. 또한 DTX 및 DSX 플랫폼은 상호 운용 가능하며, LanTroVision으로 하여금 자신들의 투자를 최대한 이용할 수 있게 하고, 예산 및 일정이 허용하는 대로 기술을 마이그레이션할 수 있게 합니다.

제품**:**

Fluke Networks Versiv DSX-5000 CableAnalyzer

개요

LanTroVision은 싱가포르에 본사를 둔 구조화된 배선 및 IT 네트워크 설치 회사로서 아시아, 호주, 아프리카, 유럽, 남아메리카에 자회사 및 제휴 파트너를 두고 있습니다. The company supplies and installs computer cabling to meet customer information and telecommunication network requirements. This is done across consultation, site survey, design, implementation, testing, and commissioning, as well as provisioning of maintenance and support services.

With annual revenue exceeding $106.8 million USD, LanTroVision is focused on continual growth by providing evolving product and service lines that meet or exceed customer expectations. It continues to strengthen its global brand by expanding product offerings that are complementary to its IT cabling infrastructure business – namely services surrounding IT infrastructure and power management, software for data center and enterprise communication rooms, security surveillance products, active and passive data center equipment and accessories, and cable routing support systems.

당면 과제

LanTroVision has established a legacy of providing best-in-class network and cable infrastructure services. Maintaining this legacy grows more-and-more challenging as customer expectations grow despite shrinking budgets and project schedules. 이 회사는 계속해서 더 적은 비용으로 더 많은 일을 하라는 요청을 받습니다.

"LanTroVision customers expect the very best in cable installation quality, but today's economic landscape has them asking us to deliver more with less time and budget," said Eric Ang, head of training and development for LanTroVision. "Meeting expectations requires a fine balancing act since we test each and every node we install to ensure performance levels."

LanTroVision trains and equips its technicians with the latest technologies to gain an advantage and perform effectively with the utmost quality. In the past, this toolset included the DTX-1800 CableAnalyzer from Fluke Networks. But the challenge of continuously shrinking budgets and project schedules demanded a next-generation solution.

"The DTX is an outstanding product and got us to where we are now," explained Ang. "But, we need to constantly evaluate our technologies and operating

standards to make sure we stay above our competitors."

솔루션

Fluke Networks launched the Versiv DSX-5000 CableAnalyzer in June 2013, providing increased performance and functionality over the successful DTX CableAnalyzer product line. The DSX improves the efficiency of copper certification with unmatched testing speed while meeting the most stringent accuracy requirements. It also supports modules for fiber testing, Wi-Fi analysis, and Ethernet troubleshooting. The platform is easily upgradable to support future standards, protecting investments now and into the future.

"Training for the DSX is almost non-existent," said Ang. "The product is so user friendly that our technicians just pick it up and go. They don't want or need training since they are already familiar with Fluke Networks and the DTX product line. For our last project, the technicians simply turned on the Versiv devices and started working with no delays or production stops."

The Versiv DSX-5000's Taptive™ user interface allows LanTroVision technicians to troubleshoot faults faster with touchscreen operations similar to modern mobile phones and tablets. It graphically displays the source of failure, including crosstalk, return loss, and shield faults. The DSX-5000 also features ProjX™ Management System capabilities to ensure jobs are done correctly and on time from setup to systems acceptance. LanTroVision leverages ProjX to set test limits and naming conventions for different sites under the same project name. From there, technicians can pull out site information and status updates as needed for better project management.

결과

As longtime customers of Fluke Networks, LanTroVision adopted and rolled out the Versiv DSX-5000 CableAnalyzers just a few months after the product launch. To Ang, the biggest benefit is the product's ease-of-use. The Taptive touchscreen interface provides functionality in a format that almost everyone is now familiar and comfortable with using.

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In just a few months of use, the DSX-5000 is already generating results for LanTroVision on a variety of high-profile projects. It was indispensible in meeting schedule requirements for a major technology company's data center expansion in Asia.

"The DSX provides fast port identification and testing, cutting the time needed to test installed cables by as much as 50 percent," said Ang. "It was our secret weapon for winning and completing this particular data center job."

LanTroVision is also seeing streamlined testing operations thanks to the DSX-5000. It offers near-instantaneous set reference and provides the losses for added test reference cords (TRCs), which were rarely verified before the DSX adoption. This information is very important as it impacts the pass/fail analysis of the eventual fiber test.

"Not only is the time required halved," said Ang, "but it eliminates all of the troubleshooting frustration when the fault lies with the TRC."

LanTroVision also benefits from the DSX ProjX Management System. The company uses the project management capabilities to set up and track progress for large projects that span multiple locations. It allows Ang to gain visibility into project status and projected completion times.

The Versiv DSX-5000 from Fluke Networks helps LanTroVision complete cable installation jobs to customer specifications in half the time. It allows them to test all kinds of cables used on the job and maintain maximum uptime in customer networks all with little-to-no technician training. What's more, the DTX and DSX platforms are interoperable, allowing LanTroVision to make the most of their investments and migrate technologies as their budget and schedule relies. The company currently relies on a mix of DTX and DSX products depending on project requirements. The DSX units are used in major projects with short turnaround times for testing.

«We'll gradually roll over our entire inventory to the new Versiv DSX-5000 platform," said Ang. "Our customers will be very, very happy with the results."

Fluke Networks에 대하여

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1-800-283-5853 (US & Canada)

1-425-446-5500 (국제)

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