

can be hosted for a multi-site environment.

Video Resolution for the New Year

4K video is not new. Cinemas began projecting in 4K in 2011, and Netflix began streaming some shows in 4K two years ago.

However, while much of the media and entertainment industry has moved to 4K and even begun looking beyond to higher resolution video, adoption of 4K in other markets has been relatively slow. One of the main reasons why is that enterprises are still struggling to figure out how they can

manage this type of data. 4K video presents challenges in terms of not only much larger file sizes but also much higher data rates – the ability to ingest and deliver 4K data in a smooth, predictive stream without dropping frames or creating other distortions is often beyond the capabilities of existing storage infrastructures. With video taking on a much larger role in the enterprise (as noted in an earlier prediction), organizations will increasingly need to address this gap.

The key to doing so without replacing the entire storage infrastructure will be leveraging high-performance solutions

optimized for video that can integrate into the existing infrastructure.

HPC: Adapting to New Demands

With the advent of clustered computing becoming common in nearly every enterprise, organizations are rapidly creating more data that they want to use strategically to make better and faster business decisions – for example, regarding new investments, more efficient operations, higher product quality or improved customer service. As a result, enterprises are increasingly looking to the high-performance

computing industry for best practices and technologies to provide the performance, capacity and data management capabilities needed at this new scale.

HPC providers can help enterprises to integrate open source initiatives, determine how to leverage low-cost hardware platforms in the most optimal way and simplify the management of the data in a single namespace with simple tiering. However, it's essential that the HPC industry move beyond its traditional focus on binary data and account for the tremendous growth of richer unstructured data.

SECURITY

Matrix showcased its enterprise grade, well-engineered security solutions at INTERSEC Dubai 2017

Matrix, a leading manufacturer and provider of Telecom and Security solutions participated in INTERSEC Dubai 2017, from 22nd - 24th January 2017. Matrix showcased its Video Surveillance and People Mobility Solutions at the event.

Matrix also showcased their enterprise-grade Video Management Solution designed and engineered specifically for growing multi-location organizations. The entire solution is focused on providing centralized security by automating processes, proactive security and enhancing efficiency of your organizations. Some of the unique features on display include:

- No Public IP Required for Mul-

ti-location Connectivity

- No Server for Centrally Monitoring Multiple Devices
- Save Cost up to 50% on Storage and Bandwidth Required
- Edge Recording with Event based Clip Export
- Flexibility of User Defined Roles and Rights
- Preventive Security with Advance Video Analytics Feature
- Crowd Management Solution
- Parking Management Solution
- Automated License Plate Recognition Feature

Matrix also demonstrated its range of biometric Access Control and Time-Attendance solutions and its advance appli-



cations during INTERSEC. Mobile being the next generation technology in terms of security, Matrix will display its "Your Mobile is your Identity" solution. In Mobile based Access Control, user either scans the QR code through his/her mobile or just twists the mobile to get access using Bluetooth. Furthermore, Matrix launched COSEC DOOR FMX - a high-performance door controller with multispectral fingerprint sensor.

The device is powerful enough to scan a fingerprint

of dry, wet, elderly or oily hands. In addition, Matrix launched Elevator based Access Control specially designed for hospitality and healthcare industry. Along with new solutions, Matrix demonstrated its complete range of enterprise grade Time-Attendance solutions.

"During this exhibition, we demonstrated our enterprise grade Access Control and Time-Attendance solution with real-time features such as Auto Push Events to Server, Instant Notification, Automatic Device Identification, Mobile as User Credentials and more", said Sagar Gosalia, Senior Vice President Marketing and Sales.