

Strategic Account Newsletter

Orchestrating a brighter world **NEC**

NEC Building Community through Service

Sponsoring Area Elementary School Continues to be a Cornerstone Volunteer Opportunity for Employees

(Source: [NEC Today Blog](#)) -- NEC Corporation of America (NEC) has been a sponsor of Herbert Marcus Elementary in Dallas, TX for the past three years. The involvement of NEC and the volunteer efforts of NEC employees has made a tremendous difference at this school. Last year the school moved into a “Breakthrough Campus” category in the Dallas Independent School District and, according to the Principal Jonatan Romero, NEC played a big part in this transformation.



As one of our projects this year, NEC decided to “Stock the School” with supplies for each teacher. Unfortunately, many teachers have a financial burden of out-of-pocket costs to supply their students with basic supplies. NEC wanted to help ease that burden for the 50+ teachers at Herbert Marcus by providing each teacher with a care package of basic school supplies such as: folders, pens, hand sanitizer, dry erase boards, markers, etc.

The project provided essential classroom supply kits for 46 classes – impacting up to 800 kids. Volunteers painted and refreshed classrooms, the health clinic, the community outreach room, and the art room. The team assisted teachers with moving and setting up their classrooms with colorful décor, and custom decorated 20+ clipboards to include in the classroom supply kits. A much-needed projector, screen and stage curtains were all provided for the school’s auditorium.



Thank You notes were personalized and hand written, so that every teacher in the school could start their new year with motivation. NEC’s global branding statement is, “Orchestrating a brighter world.” NEC volunteers decided we could brighten up the school by adding a fresh coat of paint to the nurse’s clinic, stairways, and a few classrooms. The students spend a large part of their day in the school and adding a new coat of paint assisted in revitalizing areas for a refreshed and positive learning environment. Our goal was to ensure students and teachers walk into the classroom confident, empowered and prepared!

NEC Services Address Vulnerability Issues

Security Services Suite can Safeguard Companies Against the Latest Threats

For organizations feeling the pressure of growing security threats, increasing compliance requirements and increased reliance on an already burdened staff, NEC Corporation of America's [Security Services](#) help you do more with less, while maintaining a secure and compliant security environment. Leveraging 50 years of communications integration experience, NEC provides a full lifecycle of security capabilities from penetration, compliance and vulnerability assessments services to remediation and ongoing security device management across a multi-vendor environment.

NEC is excited to partner with [Muller Group International \(MGI\)](#), a firm specializing in assisting all levels of government, corporations, and organizations as they face newly emerging challenges in an increasingly complex international security environment, to offer a Critical Infrastructure Integrated Protection Program.

During **Site Security & Threat Vulnerability Assessments**, two SMEs work with your executives, site security and operational stakeholders to identify and confirm site-specific critical nodes and equipment, review company emergency action plans, and recommend actions for security improvements to facilities and security processes and training.

Employee Seminars and Management Workshops can reduce threats and risk resulting from workplace violence and provide active shooter event training. Situation awareness training can show employees how to identify and prevent threats through live exercises with active participation.

Due Diligence Reports and Social Media Monitoring can research any person or company, leveraging all available online resources. We use media outlets, international forums, social media networks, closed databases and the deep web. Government and court documents, electoral and voter rolls in over 200 jurisdictions globally are fully examined. Reports can be generated on leaked document web sites, and IP/domain searches.

NEC is offering special discounts as another reason for acting now to protect your company:

- 20% off Site Security or Threat Vulnerability Assessment
- Free Due Diligence Report with the order of SSA or TVA
- 20% off Workplace Violence or Active Shooter employee workshops
- 20% off Social Media Monitoring for your company

These four core elements – individually and collectively – represent the combined expertise of NEC and MGI, with proven results and demonstrated deliverables. Contact your sales representative for more information.

Next Gen ATM integrates NEC Biometrics

Japan's First Demonstration Test for Opening Bank Accounts by Face-Authentication at ATMs

Seven Bank, Ltd. and NEC Corporation recently announced the development of a next-generation ATM, which has a facial recognition engine with the world's No.1 certification accuracy. The redesigned ATM is currently being installed to replace old machines.

In recent years, technological innovations such as FinTech have led to the creation of new financial services and the improvement of operational efficiency, as financial institutions, etc. are required to respond to digitalization.



Taking into account the advances in biometrics, AI, IoT, and other technologies, this next-generation ATM is capable of face recognition for identity verification and settlement with QR codes. The machines utilize NeoFace, which is a core technology of Bio-Idiom, NEC's original biometric authentication technologies, to

provide a quick and secure identity verification mechanism. Customers can be provided a QR code based on personal information entered from a PC or smartphone in advance. This QR code, face images and identification documents (driver's license, etc.) are recorded by a camera and scanner mounted on ATMs, making the identity verification procedure more efficient than mailing systems that require customers to sign documents and show their IDs. In addition, the time needed to provide services is shortened and convenience is improved for users.

As part of the demonstration tests, opening a new account with a bank is even possible. Necessary information is registered in advance and provided to a smartphone, QR codes are read at the ATM, and identities are confirmed.

The demonstration test also includes the installation of seismometers, which will contribute to understanding overall disaster conditions and strengthening prevention capabilities.

The reimagined, universal-design ATMs incorporate screens that are easier to view and understand. Dual screens allow for large fonts, animations, and easy-to-view coloring to enhance usability. Bluetooth technology can be utilized to offer coupons, special deals, or transaction statements on a user's smartphone when making ATM transactions. Electricity and CO2 emissions are reduced by 40% compared to current ATMs in service.

AI and IoT are utilized to predict cash demand more precisely and detect prior warning of component failures, which helps to streamline ATM operations. Through the ATMs, Seven Bank and NEC will continue to provide safe and secure lifestyle infrastructure and provide new value in response to changes in society. [Read more.](#)

In the News

NEC Partners with Infovista on a Solution to Reduce WAN Costs and Prioritize UC Resources

[Virtualization & Cloud Review 09/20/19](#) -- A new partnership in the burgeoning software-defined networking (SDN) space sees NEC Corp. wedding its software-defined network-based unified communication (UC-SDN) offering with Infovista's Ipanema SD-WAN (software-defined wide-area network). The combined solution will be part of NEC's Smart Enterprise Suite. [Read more.](#)

Facial Recognition Now Live at DFW Airport, Continues to see Steady Growth in US and Globally

[Government Technology Magazine 09/25/19](#) – US airports are increasingly utilizing biometrics technologies as an option to streamline the passenger boarding experience and increase public safety. Now, airlines and hardware companies are looking toward a broader use, including renting cars, ordering food, and checking into hotels. [Read more.](#)

NEC to Develop Energy Storage Systems with Cells from Ambri Inc.

[Business Wire 09/23/19](#) -- NEC Energy Solutions and Ambri have signed a joint development agreement in which NEC will design and develop an energy storage system based on Ambri's Liquid Metal Battery technology. NEC will employ its proprietary AEROS® energy storage operating system and controls to optimize system performance of the Ambri-based energy storage systems for NEC customers that could include utilities, independent power producers and project developers. [Read more.](#)

At your Service



Wayne Grimes is a Senior Technician for West Field Operations. Wayne has been in the telecommunications industry for 39 years and with NEC as an Onsite Technician at Austin-Bergstrom International Airport in Austin, Texas for 21 years. He performs daily preventative maintenance, corrective troubleshooting, and MAC orders on the NEC PBX & Voice Mail systems. Wayne holds current NEC certifications to install, operate, and maintain the NEC UNIVERGE® telecommunications and voicemail systems. Familiar with reading and interpreting cable infrastructure designs and documents, Wayne enjoys the challenge of scheduling, prioritizing and managing time and resources to meet the challenges of each unique client.