EBOOK

Digital acceleration at the edge

See how Aruba customers have modernized their networks with Aruba ESP

aruba
a Hewlett Packard Enterprise company

INTRODUCTION

We've all heard the buzzwords. Digital transformation, network modernization. But what do they really mean? Well, think about it in terms of data. It powers the most innovative businesses. It disrupts entire industries. So, in those terms, modernization means harnessing that data to deliver better user experiences, deeper customer engagements, and operational efficiencies across an organization.

It starts with the place where that data is captured and transported to ensure the right business outcomes. The network. Because in our highly distributed world—where employees work from anywhere, where we demand always on, always secure connectivity, where fans and shoppers and students all want to be engaged and delighted—it begins with a flexible, modern network that keeps evolving as times change.

This book showcases stories of companies who have embarked on this journey of digital acceleration and network modernization with Aruba ESP as the backbone. Stories of Aruba customers who redefine experiences and make every connected person and thing work in harmony to achieve better outcomes. We hope these stories capture your imagination and inspire you to think about new possibilities.

Table of Contents

RETAIL 4
Chemist Warehouse 5
PlusCity 6

HOSPITALITY 7
Mantis Hotels & Resorts 8

MANUFACTURING/DISTRIBUTION 9
KEMET Electronics Corporation 10

SERVICES 11
Ai Ghurair Investment 12
FASTFIVE 13
Homebase 14
JUSTWORK 15
Landsec 16
LendingTree 17
ÖAMTC 18
The Howard Hughes Corporation 19

PRIMARY EDUCATION 20
Compagnia di San Paolo Foundation 21
Dawson County Schools 22
Decatur City Schools 23
Roseville Joint Union High School District 24
University College School 25

HIGHER EDUCATION 26
Doane University 27

RETAIL

Chemist Warehouse powers digital transformation and rapid company growth with Aruba ESP

CUSTOMER PROFILE

Dedicated to enhancing healthcare outcomes, Chemist Warehouse is a retail pharmaceutical and personal care retailer. It serves more than 1.5M customers and fills more than 500K prescriptions per week and is Australia's leading pharmacy, with more than 12,000 employees.

AUSTRALIA

RETAIL

USE CASE

Modernize wired and wireless infrastructure to support digital transformation initiative and continued rapid growth while empowering employees to deliver exceptional customer service

REQUIREMENTS

- Deploy a scalable, reliable, and secure wired and wireless networking solution
- Adopt a cloud-based, centralized, and unified platform
- Obtain intelligence and automation to reduce IT overhead

SOLUTIONS

Aruba ESP with Central cloud for proactive AIOps management; Aruba Wi-Fi 6, access and CX Switching solutions for high-performance connectivity and automated network administration; ClearPass for wired and wireless authentication and granular policy enforcement

OUTCOMES

- Accelerates digital transformation to permit adopting leading business applications, such as Mcrosoft's Dynamics 365 ERP platform to connect pharmacy, point of sale, supply chain logistics and other systems
- Enables developing IoT initiatives for smarter operations and utilizing data to further enhance services
- Improves employee productivity and user experiences to assist with delivering on high customer service expectations

"Aruba has been a great partner for many years as we undergo our digital transformation journey. As we grow, it's vital for us to have a networking solution that is highly scalable and secure."

SIMON HIBBERT, GENERAL MANAGER OF IT

Chemist Warehouse

PlusCity collects and analyzes visitor behavior data to inform a dynamic retail experience

CUSTOMER PROFILE

Opened in 1989, PlusCity is a shopping mall and leisure destination outside the Austrian city of Linz which attracts over 20,000 visitors a day. The 1.4 million square-foot mall includes more than 200 stores, a cinema, child care center, gym, and event space.

AUSTRIA

RETAIL

USE CASE

Create dynamic experiences, whether shopping, entertainment, or events, for customers via a network that is reliable, robust, and easy to manage while collecting visitor data to inform new services and promotions, create a new wayfinding app, and have a platform for adding a digital layer to the physical mall experience

REQUIREMENTS

- Ensure premium wireless for visitors, including a "Find my car" navigation service
- Enable seamless mobility throughout 1.4 million square-foot space
- Create a data-enabled, intelligent marketing engine

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Wi-Fi 6 and switching solutions for high-performance connectivity; Location Services with Meridian, Beacons and ALE to drive insights and enhance user experiences

OUTCOMES

- Collects visitor data to inform new services and promotions
- Establishes platform for digitally layering on physical mall experiences and supports the enhancement and interactivity of an existing mobile app
- Simplifies IT operations through cloud-centric network management

RESOURCES

READ THE CASE STUDY

"We had an event at PlusCity, aimed at young people, with 2,500 users in the main square. Almost everyone was online and many were posting videos to social media. The network never missed a beat."

LUKAS AUMAIR, MANAGING DIRECTOR

Oton Media, IT Service Provider for PlusCity

HOSPITALITY

Mantis' high-performance network provides consistent user experiences and new digital services

CUSTOMER PROFILE

With 22 locations in 10 countries, Mantis Hotels & Resorts, part of Accor, is a group of sustainable, eco-focused properties, many of which are in Africa.

SOUTH AFRICA

HOSPITALITY

USE CASE

Standardize network management and experiences across hotel properties throughout Africa, with Zero Touch Provisioning (ZTP) and centralized management

REQUIREMENTS

- Ensure consistent, high-performance Wi-Fi across diverse collection of properties
- Reduce support costs through central management and remote diagnostics
- Demonstrate value to hotel operators with pay-per-use consumption model

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Aruba Wi-Fi 6 and switching solutions for high-performance connectivity

OUTCOMES

- Delivers network consistency for the first time, both in terms of performance and management
- Establishes a consistent platform on which to deploy new digital services
- Simplifies the task of supporting network infrastructure in remote locations

RESOURCES

READ THE CASE STUDY

"We found Aruba Central to be simple and effective. It is an example of the type of cloud-based solution we are looking to adopt throughout the region."

CLINTON GOVENDER, DIRECTOR OF IT, CUSTOMER TECHNOLGY SERVICES, SOUTHERN AFRICA

ACCOR

MANUFACTURING/ DISTRIBUTION

KEMET a YAGEO company

KEMET powers Industry 4.0 and IIoT manufacturing across millions of square feet in 22 countries

CUSTOMER PROFILE

A leading supplier of high-end electronic components since 1919, KEMET Electronics Corporation of Fort Lauderdale, Florida maintains a global footprint including 45 manufacturing and sales facilities with approximately 15,000 employees located in 22 countries in the Americas, Asia, and Europe.

UNITED STATES

MANUFACTURING/ DISTRIBUTION

USE CASE

Modernize wired and wireless infrastructure to eliminate historical bottlenecks and facilitate the adoption of IoT and IIoT-enabled Industry 4.0 automation throughout manufacturing and sales facilities worldwide

REQUIREMENTS

- Centrally manage and secure high-performance Wi-Fi across 22 countries worldwide
- Support manufacturing Industry 4.0, including mobility, IoT, and IIoT
- Adopt an intuitive technology innovation ecosystem with AI-enabled tools

SOLUTIONS

Aruba ESP with Central for cloud-based AIOps management; Aruba Wi-Fi 6 and switching solutions, with Dynamic Segmentation, for high-performance connectivity; ClearPass for wired and wireless authentication and policy enforcement to secure access for users and IoT; AirWave for network management

OUTCOMES

- Recovers millions of dollars in profitability by reducing manufacturing defects and inventory bottlenecks due to legacy systems while mobilizing manufacturing and sales facilities spanning millions of square feet worldwide
- Cuts Wi-Fi deployment times from days to hours and enables zero-touch deployments across a global footprint
- Gains resilient, future-ready infrastructure with the intelligence, scalability, and intuitive tool sets to meet emerging needs

RESOURCES

READ THE CASE STUDY

"With Aruba and Aruba Central, our infrastructure can scale smoothly and seamlessly worldwide. Overall, we're only scratching the surface and look forward to taking our Aruba networking platform to the next level."

CHRIS HALL, DEPUTY CIO

YAGEO Group

SERVICES

Al Ghurair focuses on creating a platform for digital transformation, cultural change, and new business opportunities

CUSTOMER PROFILE

Headquartered in Dubai, with 28,000 employees worldwide, Al Ghurair Investment is one of the largest diversified family business groups in the Middle East with operations spanning more than 20 countries in six industry sectors: construction, energy, foods, mobility, properties, and ventures.

UNITED ARAB EMIRATES

SERVICES

USE CASE

Consolidate network architecture, security, and management across a diversified trading group comprised of 25 businesses

REQUIREMENTS

- Establish group-wide network consistency for 25 separate businesses
- Enable the industry-changing innovation promised with 5G, IoT, and smart building technologies
- Simplify network management and strengthen security

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Wi-Fi, access and CX Switching solutions for high-performance connectivity and automated network administration; ClearPass for wired and wireless authentication and granular policy enforcement

OUTCOMES

- Provides scalable secure network template for consistent deployment and user experience
- Cuts Wi-Fi deployment times from days to hours and enables zero-touch deployments across international operations
- Enables consistent wireless-first workplace, with bandwidth to support critical business applications, while delivering resilient, future-ready infrastructure to accelerate digital transformation

RESOURCES

READ THE CASE STUDY

"We remain a huge business with a vast array of products and talents. The Aruba network provides the thing that large businesses crave the most: agility."

MARINDA SHEAHAN, GROUP VICE PRESIDENT OF IT

Al Ghurair Investment

FASTFIVE

FASTFIVE accelerates growth and dominates the shared office market with AI-powered Aruba ESP

CUSTOMER PROFILE

As Korea's renowned leading shared office space platform company, FASTFIVE connects all aspects of office supply and demand. It operates 38 physical locations as well as partnering with building owners for space solutions and is launching other divisions, such as IT consulting services.

SOUTH KOREA

SERVICES

USE CASE

Unify multiple legacy Wi-Fi solutions acquired during acquisitions to standardize on a scalable, innovative platform that streamlines management and provides exceptional user experiences

REQUIREMENTS

- Adopt a centralized, unified wired and wireless networking infrastructure
- Obtain cloud-based management for streamlined operations
- Minimize IT overhead with AI-powered automation tools

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Aruba Wi-Fi 6 and switching solutions for high-performance connectivity

OUTCOMES

- Delivers high-performance Wi-Fi to meet customer expectations for superior co-working experiences that ensure business productivity and support bandwidth-intensive business applications, like Extended Reality (XR) and video conferencing
- Enables gaining competitive advantage by leveraging an intelligent, scalable, streamlined platform, with AI-powered proactive management capabilities, to eliminate complexity, speed troubleshooting, boost reliability, and minimize IT overhead

"Aruba ESP with Central has made it easy to identify network problems at all branches."

KO HYE-KYUNG, DIRECTOR OF THE CUSTOMER EXPERIENCE GROUP

FASTFIVE

Homebase is transforming the multifamily connectivity paradigm with “Smart Living-as-a-Service”

CUSTOMER PROFILE

Pioneering the next generation of multifamily and vacation rental experiences, Homebase is introducing “Smart Living-as-a-Service” (SLaaS) building automation to transform the residential real estate industry. Homebase’s rapidly growing portfolio is continuously adding units across North America.

UNITED STATES

SERVICES

USE CASE

- Transform the multifamily and vacation rental industries by supplying reliable, secure, high-performance internet connectivity that enables deploying existing and emerging IoT-based smart building technologies
- Deliver Wi-Fi connectivity as a fifth utility to residents and create comprehensive SLaaS experiences

REQUIREMENTS

- Adopt cloud-managed wired and wireless infrastructure
- Deploy a scalable, flexible, high-performance network
- Support existing and emerging smart building automation solutions

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; indoor, outdoor, and remote Wi-Fi 6 and switching solutions for high performance connectivity; UXI for AI-powered Wi-Fi incident detection

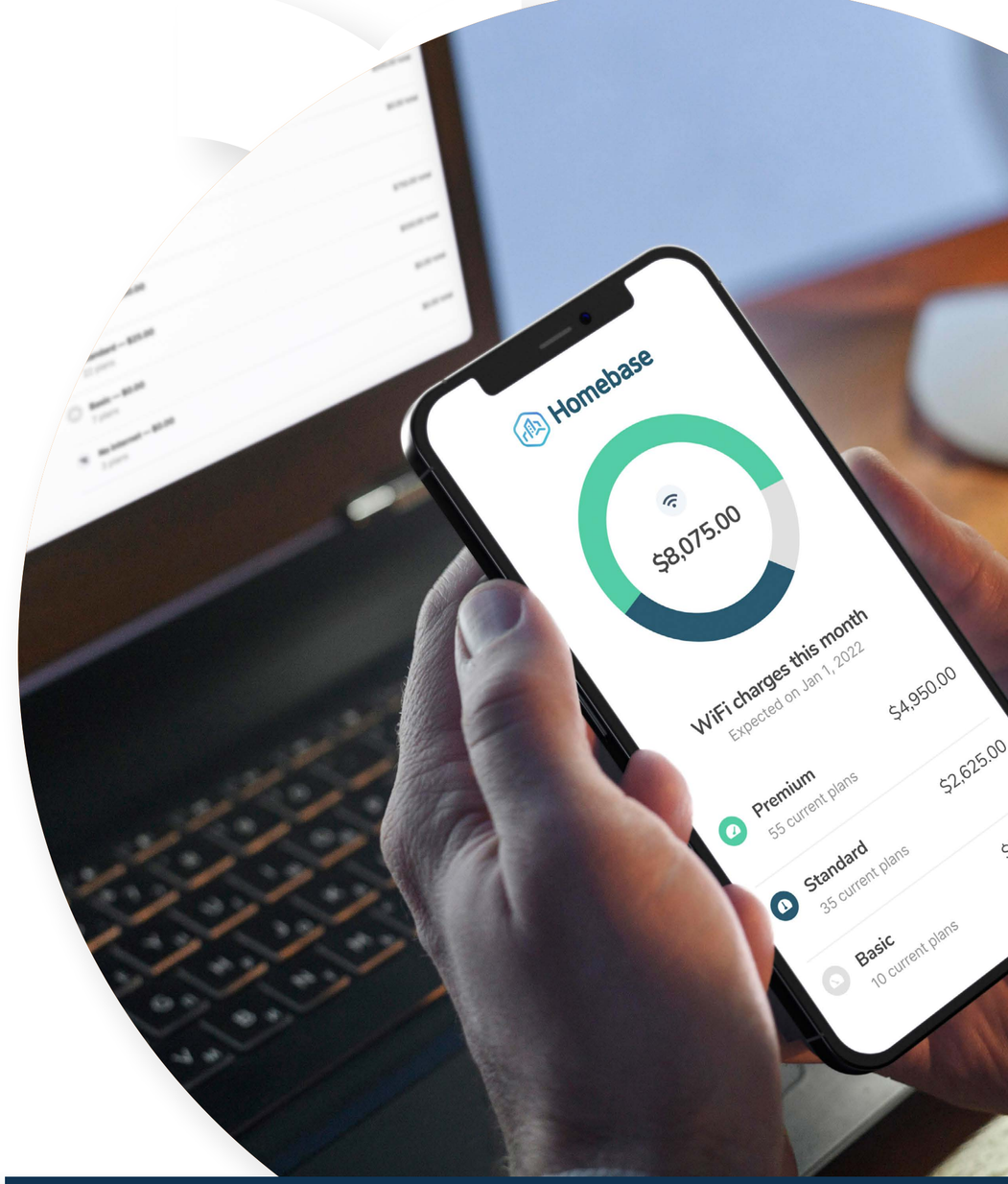
OUTCOMES

- Gains future-ready infrastructure for introducing SLaaS to the multifamily and vacation rental markets, boosting property net operating incomes 20%
- Saves building owners and managers 120 minutes per unit turnover and 20 minutes per maintenance ticket on average
- Scales rapidly and dynamically to accommodate a swiftly growing property portfolio and enable rapid networking innovation adoption to continue introducing emerging smart building technologies

RESOURCES

READ THE CASE STUDY

READ THE PRESS RELEASE



“With our Aruba network we can innovate rapidly as we continue transforming multifamily dwelling into smart spaces that can keep pace with the evolving ways people live and work in their homes.”

BLAKE MILLER, FOUNDER AND CEO

Homebase

JUSTWork reimagines the modern office space with flexible as-a-service architecture

CUSTOMER PROFILE

A next-generation workspace provider, the JUSTWork concept is built around common workspaces, gyms, onsite content-creation studios and flexible leasing contracts. After opening its first location in Istanbul, new locations are planned for Turkey, the Middle East, and across Europe.

TURKEY

SERVICES

USE CASE

Establish an as-a-service and data-driven architecture capable of supporting a global roll-out of a campus-style, flexible office concept with uncompromising security and clear segmentation for multiple tenants with unified control and visibility

REQUIREMENTS

- Centrally manage and secure high-performance Wi-Fi across large footprint sites in multiple countries
- Enable the creation of tiered network access rights
- Allow integration of smart building management tools and other third-party platforms

SOLUTIONS

Aruba ESP with Central for cloud-based AIOps management; Wi-Fi 6 and access switching solutions, with Dynamic Segmentation, for high-performance connectivity and automated network administration; ClearPass for unified authentication and policy enforcement

OUTCOMES

- Underpins the successful launch of the first JUSTWork location, a 107,000 sq ft campus, and enables zero-touch deployments simplifying international expansion while ensuring separate, secure networks for individual tenants with SLAs
- Establishes a resilient, future-ready infrastructure with intelligence, scalability and intuitive tool sets to support emerging needs as well as integration with Faraday Edge Platform for guest management
- Enables the secure integration and consolidation of IoT infrastructure and data

RESOURCES

READ THE CASE STUDY

"The Aruba approach means we can largely plug-and-play at each new location, knowing we can configure and manage the network from here in Istanbul."

ROY KÖMÜRCÜ, CO-FOUNDER AND CEO

JUSTWork

Landsec transforms consumer experiences through a cloud-native, AI-powered, data-centric network

CUSTOMER PROFILE

One of the largest real estate companies in Europe, Landsec's portfolio spans 24 million square feet of retail, leisure, workspace, and residential hubs. Landsec owns and manages some of the most memorable real estate sites in the UK, including the iconic Piccadilly Lights in the West End of London.

UNITED KINGDOM

SERVICES

USE CASE

Create a unified, AI-enabled cloud-native network at 12 shopping centers to provide seamless, secure Wi-Fi and digital services for customers and tenants, while developing richer insights on consumer behavior for retailers and adhering to GDPR compliance mandates

REQUIREMENTS

- Improve guest Wi-Fi at shopping centers while establishing a flexible network solution for tenants
- Capture richer metrics on consumer behavior
- Enhance security to meet compliance regulations

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Wi-Fi 6, access and CX Switching solutions, for high-performance connectivity and automated network administration; UXI for AI-powered Wi-Fi incident detection; ClearPass for wired and wireless authentication and granular policy enforcement

OUTCOMES

- Transforms shopper experience with better Wi-Fi and roaming while aligning network operations across all locations, offering flexible connectivity services to tenants and enhancing crucial GDPR compliance
- Supports short-term leases and business flexibility
- Helps retailers promote and personalize marketing campaigns to target audiences while future-proofing the business for further intelligent digital innovations

RESOURCES

READ THE CASE STUDY

"With Aruba's technology and partnership, we can adapt to meet changing customer expectations while unlocking the opportunity to get smarter with consumer data."

MATTHEW BROWN, ARCHITECTURE DIRECTOR

Landsec

LendingTree standardizes on Aruba ESP to enable a modern and mobile-first workplace

CUSTOMER PROFILE

The nation's leading online marketplace for connecting consumers with financial services choices, LendingTree has a network over 500 partners. The organization has empowered over 100M consumers to shop for financial solutions the same way they would shop for airline tickets or hotel stays.

UNITED STATES

SERVICES

USE CASE

Standardize on a single wired and wireless networking platform for a new 6-story HQ, and in offices across the U.S., to support advanced mobile-first collaborations

REQUIREMENTS

- Deliver a seamless and consistent user experience across all locations while gaining visibility and control
- Securely connect associates, guests, and customers to the network
- Create a scalable infrastructure with streamlined wired and wireless administration

SOLUTIONS

Aruba ESP with Central cloud for proactive cloud-based AIOps administration; Wi-Fi 6 and CX Switching solutions, with NetEdit, for high-performance connectivity and automated management; ClearPass for unified authentication and policy enforcement to secure access for users and IoT

OUTCOMES

- Enables employee collaborations throughout new HQ, which includes modernized signage and unique mixed-use spaces such as a library, music room, game rooms, patios, and bar areas
- Supports aggressive M&A strategy by quickly onboarding and integrating newly acquired organizations
- Permits rapidly connecting more IoT devices, including facilities management solutions, for streamlining operation while keeping IT overhead low

RESOURCES

READ THE PRESS RELEASE

"Aruba not only answers immediate needs, but we're also excited about the capabilities we have yet to leverage that will help us move our business confidently into the future."

BRANNEN TAYLOR, NETWORK MANAGER

LendingTree

"Central allows us to maximize network capabilities while minimizing costs to the business."

MIKE MUSSELWHITE, CISM, CISSP AND SENIOR NETWORK ENGINEER

LendingTree

ÖAMTC taps Aruba technology to provide remote access to its call center teams during COVID-19

CUSTOMER PROFILE

Founded in 1896, Österreichischer Automobil-,Motorrad-und Touringclub (ÖAMTC) is the largest and oldest motoring club in Austria. With more than two million members, it provides automotive services, including emergency, insurance, and driver training.

AUSTRIA

SERVICES

USE CASE

Since the COVID-19 pandemic forced the closure of ÖAMTC's open-plan Vienna call center, ÖAMTC had to equip 200 call center agents who handle over 3,000 calls each day with the ability to work remotely

REQUIREMENTS

- Rapidly deploy remote access for call center response teams throughout Austria
- Ensure secure and resilient service
- Simplify management across unified network

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Aruba Wi-Fi, with RAPs, and switching solutions for high-performance, seamless, and reliable connectivity

OUTCOMES

- Enables ÖAMTC to continue supporting emergency response teams during COVID-19 closures of its national call center
- Requires minimal IT intervention to provision secure remote network access while establishing a highly available mission-critical remote working solution
- Provides full wired and wireless corporate connectivity at home for PC, IP-telephone, or printer

RESOURCES

READ THE CASE STUDY

"The call center remote work was more or less the beginning. Further administrative areas in our association will follow. I'm convinced that hybrid work will become part of everyday life."

CHRISTOPH PERTL, IT SECURITY OFFICER

ÖAMTC

Howard Hughes delivers innovative, connected placemaking using AIOps and intelligent automation

CUSTOMER PROFILE

Dedicated to innovative placemaking and providing fully-connected, amenity-rich environments featuring the best of dining, shopping, and entertainment in a walkable urban core, The Howard Hughes Corporation develops today's acclaimed master planned communities (MPC) and mixed-use real estate.

UNITED STATES

SERVICES

USE CASE

Offer premier, seamless connectivity experiences to the digital-savvy individuals who work, live, and play at award-winning mixed-use communities nationwide

REQUIREMENTS

- Ensure reliable, secure, scalable, and cloud-centric wired and wireless infrastructure
- Enable modern Wi-Fi calling by replacing a legacy distributed antenna system (DAS)
- Streamline and automate network management

SOLUTIONS

Aruba ESP with Central Cloud for proactive cloud-based AIOps management; Wi-Fi 6 and CX Switching solutions for high-performance connectivity and automated network administration; Air Pass for seamless device transitions between cellular and wireless networks

OUTCOMES

- Achieves exceptional wireless utilization with seamless Wi-Fi calling for superior experiences at a growing property portfolio
- Delivers Wi-Fi-as-a-service that is centrally managed, segmented, and optimized at the corporate HQ, or by work-from-anywhere (WFA) employees, to efficiently supply always-on connectivity
- Gain scalable, future-ready infrastructure that enables continuous innovation, such as adopting dynamic role-based network access control

RESOURCES

READ THE PRESS RELEASE

"We're constantly exploring new ways to give truly meaningful and high-quality experiences to our customers, residents, and guests. Aruba's technology is a key piece of the equation for providing convenient, mobile-first environments throughout our communities."

BOBBY AFLATOONI, EVP OF TECHNOLOGY AND INNOVATION

The Howard Hughes Corporation

PRIMARY EDUCATION

Fondazione Compagnia di San Paolo

Foundation's centrally-managed wireless network helps close the digital skills gap in Italian schools

CUSTOMER PROFILE

Compagnia di San Paolo Foundation was established to promote cultural, civil, and economic development. One of Compagnia di San Paolo's programs is focused on driving digital transformation, which has provided critical connectivity for hundreds of schools in the Turin region of Italy.

PRIMARY EDUCATION

USE CASE

Deliver 10Gb bandwidth and robust Wi-Fi into primary and lower secondary schools in northern Italy, with centralized management and minimal on-site involvement, and establish a framework for national roll-out

REQUIREMENTS

- Centrally manage and secure high-performance Wi-Fi for 96,000 students
- Establish network-as-a-service for more than 300 schools
- Standardize network architecture ahead of national roll-out

SOLUTIONS

Aruba ESP with Central for cloud-based AIOps management; Wi-Fi, access and CX Switching solutions for high-performance connectivity and automated network administration; ClearPass for unified authentication and policy enforcement to secure access for users and IoT

OUTCOMES

- Connects 20 schools in first phase and established secure connectivity within two days at each school
- Accelerates adoption of digital skills among teachers
- Creates framework for national roll-out

RESOURCES

READ THE CASE STUDY

"We've transformed the network from a capex consideration to opex. With configuration templates established, we can have a school online within two or three days."

MARCELLO MAGGIORA, HEAD OF TECHNOLOGY & DIGITAL STRATEGY

Compagnia di San Paolo Foundation

High-achieving Dawson addresses rapidly evolving curriculum demands with AIOps-powered infrastructure

CUSTOMER PROFILE

A high-achieving district with a 95% graduation rate, Dawson County Schools serves its student population by focusing on readiness for college, career, and life. As a charter school system, Dawson County is expected to demonstrate increased accountability and a greater emphasis on innovation.

UNITED STATES

PRIMARY EDUCATION

USE CASE

Support curriculum initiatives that engage and excite students to achieve their goals by adopting a streamlined and AI-powered automated networking platform for delivering next-generation classroom, operational, and administrative experiences

REQUIREMENTS

- Update, simplify, and streamline wired and wireless infrastructure
- Save time, energy, and resources with next-gen enterprise solutions
- Deploy high-performance, reliable, self-healing, future-ready network

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; indoor and outdoor Wi-Fi 6 and CX Switching solutions for high-performance connectivity and automated management; UXI for AI-powered Wi-Fi incident detection

OUTCOMES

- Enables innovative curriculum with new Extended Reality (XR), STEM, and other innovations while addressing athletic, administrative, and community connectivity needs
- Reduces wireless deployment times from days to minutes while improving user experiences by cutting troubleshooting time from hours to seconds
- Obtains AI-driven, intelligent, secure, enterprise connectivity for IoT, collaboration, and other cloud-enabled technologies in a flexible, scalable platform to meet future needs

RESOURCES

READ THE CASE STUDY

"Despite being a small district with a small IT team, we now have one of the best K-12 networks in our state, plus our Aruba solution saves us time, energy, and resources. We absolutely love it."

ROMAN GADDIS, EXECUTIVE DIRECTOR OF TECHNOLOGY

Dawson County Schools

Decatur boosts student engagement with AIOps-enabled mobility to help achieve excellence goals

CUSTOMER PROFILE

Committed to 100% college and career readiness, Alabama's Decatur City Schools utilizes technology innovations to support collaborations between teachers, administrators, parents, and the school community to help students reach their achievement goals.

UNITED STATES

PRIMARY EDUCATION

USE CASE

Improve educational outcomes by boosting student engagement using high-performance, reliable, and easily deployed Wi-Fi and wired infrastructure, with AI-powered cloud-based management for saving time and budget

REQUIREMENTS

- Support excellence initiative to transform teaching and learning
- Streamline, unify, and deploy simple Wi-Fi and wired infrastructure
- Tackle educational disadvantage with cost-effective, digital networking solutions

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; indoor and outdoor Wi-Fi and switching solutions, with Dynamic Segmentation, for high-performance connectivity; ClearPass for wired and wireless authentication and policy enforcement to secure access for users and IoT

OUTCOMES

- Reduces school absenteeism by 14% while boosting graduation rates with greater student engagement, including new immersive and scholarship opportunities, such as Esports, made possible by high-speed Wi-Fi
- Cuts network downtime from hours to seconds with automated Wi-Fi infrastructure updates, improving curriculum delivery and reducing IT overhead
- Gains future-proof infrastructure for delivering on the goal to expand curriculum and IoT adoption

RESOURCES

READ THE CASE STUDY

"We're definitely realizing value from modernizing our wired and Wi-Fi infrastructure. We credit Aruba with being an exceptional partner in making it happen."

EMILY ELAM, SUPERVISOR OF TECHNOLOGY

Decatur City Schools

Roseville opens first-of-its-kind West Park High School for 180K sq ft of dynamic collaboration-first learning

CUSTOMER PROFILE

By offering college-like collaborative learning at its dynamic, technology-driven, visionary, new West Park High School, the Roseville Joint Union High School District is modernizing education for 4,000 students drawn from three surrounding K-8 districts.

UNITED STATES

PRIMARY EDUCATION

USE CASE

Enable the wireless-first classroom, extra-curricular, and athletic requirements at the new, collaboration-centric, 180,000 square-foot West Park High School, including four 3-story highly-reconfigurable classroom suites, a 4,500-seat stadium, a 2,100-seat gymnasium, and multiple other facilities

REQUIREMENTS

- Deploy a high-performance, high-density wired and wireless network capable of handling a dynamic wireless-first collaboration approach
- Support a digital-centric environment that leverages connectivity for learning and facilities management
- Provide intelligent, centralized network infrastructure administration

SOLUTIONS

Aruba ESP with Central cloud for proactive AIOps management; Wi-Fi 6 and CX Switching solutions, with Dynamic Segmentation and NetEdit, for high-performance connectivity and network automation; ClearPass for unified authentication and policy enforcement; UXI for AI-powered Wi-Fi incident detection

OUTCOMES

- Powers applications ranging from streaming and Extended Reality (XR) to space scheduling and HVAC at a collaboration-centric facility that relies on networking for amenities, such as walls embedded with whiteboardsand stairwells doubling as amphi-theaters, along with 100% flexible, interconnected spaces and no dedicated classrooms
- Delivers reliable, secure connectivity capable of quickly transitioning from a handful of students to large group
- Slashed various deployment tasks from weeks to minutes, consolidated switch provisioning by 35:1, and automated troubleshooting to reduce error detection and remediation from months to seconds

"West Park represents a significant investment for our district. With Aruba, we have the right technology to support that investment."

TONY HAMM, DIRECTOR TECHNOLOGY SERVICES

Roseville Joint Union High School District

"Now we can accommodate new curriculum needs with a few clicks."

DAVE TODD, SENIOR TELECOM/NETWORK ADMINISTRATOR

Roseville Joint Union High School District

University College School taps Aruba Central to power its modern learning environment

CUSTOMER PROFILE

Founded in 1830 and a member of the Eton Group of independent schools, University College School is a fee-paying private school in London that serves students from ages 4 to 18 across four sites.

UNITED KINGDOM

SERVICES

USE CASE

Establish a seamless wired and wireless network experience across four locations, with uncompromising security and centralized management

REQUIREMENTS

- Centrally manage and secure high-performance connectivity across four locations
- Secure, tiered network access for a range of different users
- Reduce management strain through centralized monitoring and remote diagnostics

SOLUTIONS

Aruba ESP with Central for proactive cloud-based AIOps management; Aruba Wi-Fi 6 and switching solutions, for high-performance connectivity; ClearPass for wired and wireless authentication and granular policy enforcement to secure access for users and IoT; UXI for AI-powered Wi-Fi incident detection

OUTCOMES

- Ensures campus-wide, policy-based network access that protects student, staff, and school data
- Allows the use of digital teaching applications while enabling IT to adopt a strategic focus on innovation, rather than be burdened with operational complexity
- Strengthens network access with a Zero Trust security approach and enables complete network visibility

RESOURCES

READ THE CASE STUDY

"We're a school and don't have a large IT team. Aruba Central is key to efficient network management."

NIK CRAGG, HEAD OF IT

University College School

HIGHER EDUCATION

DOANE UNIVERSITY

Doane rearchitects its network in just 6 weeks to provide dynamic learning experiences for students

CUSTOMER PROFILE

Founded in 1872, Doane University offers a four-year graduation guarantee to its 2,500 students who study on its 300-acre main campus, three satellite campuses, and via distance learning. It is designated as a "Top National Liberal Arts College" by *U.S. News and World Report.*

UNITED STATES

HIGHER EDUCATION

USE CASE

Replace a legacy vendor system with a modern, innovative, and intelligence-driven networking platform to support the institution's long-term academic vision, meet immediate needs, and reduce IT overhead

REQUIREMENTS

- Unified, reliable, secure high-performance wired and wireless networking infrastructure
- Streamlined management with granular visibility and control
- Automated, flexible platform for secure, reliable connectivity

SOLUTIONS

Aruba ESP with Central for cloud-based AIOps management; Wi-Fi 6 and CX Switching solution for high-performance connectivity and automated network administration; ClearPass for wired and wireless authentication and policy enforcement to secure access for users and IoT

OUTCOMES

- Delivers always-on connectivity, including a rapid 6-week deployment to supply remote and hybrid education to students in residence halls during COVID-19 closures and restrictions
- Enables identifying at-risk students and developing appropriate programming by using network-generated contextual data and analytics
- Supports adopting IoT for academics and facilities management, improving student educational outcomes while lowering operational overhead and reducing costs

RESOURCES

READ THE PRESS RELEASE

"It's critical for us to think strategically about all of the technology we're using to provide a fantastic learning experience for our students."

DEREK BIERMAN, CIO

Doane University

"Managing everything from a single pane of glass using Aruba Central saves us valuable time and resources."

RYAN DORSHORST, DIRECTOR OF IT

Doane University

Learn more about Aruba ESP

https://www.arubanetworks.com/solutions/aruba-esp/

© Copyright 2022 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

EBK_DIGITAL_ACCEL_ESP_CA_031622 a00121143enw

aruba
a Hewlett Packard Enterprise company