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Networking equipment brand RUCKUS Networks, Inc. Formerly Ruckus Wireless, Video54 Technologies, SCEOS Company type Subsidiary Traded as NYSE: RKUS (2012–2016) Industry Telecommunications equipment Networking hardware Networking software Founded June 17, 2004; 20 years ago (2004-06-17) in Menlo Park, California, U.S. Founders William Kish Victor Shtrum Headquarters Sunnyvale, California, U.S. Area served Worldwide Products Hardware, software, and services to telecommunications service providers and enterprises Parent CommScope (2019–present) Arris International (2017–19) Brocade (2016–17) Website www.ruckusnetworks.com RUCKUS Networks (formerly known as Ruckus Wireless) is a brand of wired and wireless networking equipment and software owned by CommScope. RUCKUS offers switches, Wi-Fi access points, CBRS access points, controllers, management systems, cloud management, AAA/BYOD software, AI and ML analytics software, location software and IoT controller software products to mobile carriers, broadband service providers, and corporate enterprises.[1][2] As a company, RUCKUS invented and has patented wireless voice, video, and data technology, such as adaptive antenna arrays that extend signal range, increase data rates, and avoid interference, providing distribution of delay-sensitive content over standard 802.11 Wi-Fi.[3] RUCKUS began trading on the New York Stock Exchange in 2012,[4] and was delisted in 2016,[5] after it was acquired by Brocade Communications Systems for approximately \$1.5 billion on May 27, 2016.[6] Ruckus Wireless and Brocade ICX line of Switching products were acquired by Arris International for \$800 million in a deal finalized on December 1, 2017.[7][8] The company was renamed as Ruckus Networks, an ARRIS company from Ruckus Wireless. On April 4, 2019, CommScope completed its acquisition of Arris, which included the recently acquired Ruckus.[9] RUCKUS Networks started in 2002 as an incubator project with name SCEOS (Sequoia Capital Entertainment Operating System) funded by a small seed round from Sequoia Capital.[10] in Menlo Park, California. After incubation[11] Ruckus was incorporated [12] in June 2004 as Video54 Technologies Inc., by William Kish and Victor Shtrum.[13] Sequoia Capital, WK Technology Fund, and Sutter Hill Ventures initially funded the company. Selina Lo was the first CEO of the company and continued until company's acquisition by Brocade Communications in 2016. At its initial days, RUCKUS focuses on In-Home IPTV content distribution over wireless. In 2007, RUCKUS introduced a miniaturized wireless multimedia adapter, the MediaFlex USB Dongle, designed to provide wireless connectivity to in-home multimedia devices such as set-tops and media center systems. At 2007 CES event, RUCKUS demonstrated the dongle with Motorola set top box VIP1720.[14][15] On September 19, 2005, RUCKUS announced that it has secured \$9 million in its second round of financing, which increases total investment in the company to over \$14 million since its formation in June 2004.[16] Sutter Hill Ventures and Investor Growth Capital, the venture capital arm of Investor AB of Sweden, led the new financing. Existing investors Sequoia Capital and WK Technology Fund completed the oversubscribed round. WK Technology Fund led the \$3.5 million first round of financing, while Sequoia Capital and private investors provided the initial \$1.5 million of seed money. Ruckus Wireless has also appointed Wen Ko, founding managing director of WK Technology Fund, to its board of directors. In addition to Mr. Ko, the Ruckus board of directors includes Dominic Orr, chairman and former CEO of Alteon WebSystems and later Aruba Networks, Selina Lo, president and CEO, Gaurav Garg, former founder of Redback Networks and partner at Sequoia Capital, and Bill Kish, CTO and co-founder of Ruckus Wireless.[17] In January 2005, RUCKUS announced that company signed a worldwide agreement to license its BeamFlex™ technology to NETGEAR for RangeMax product line.[17][18] In April 2008, RUCKUS introduced ZoneDirector 3000 - An enterprise WLAN controller, FlexMaster - A remote centralized Wi-Fi management system and SmartMesh on its 802.11n access point.[19][20] In 2008 Ruckus shifted focus on Enterprise, Carrier SP, Education and Hospitality[21] verticals with ZoneDirector controllers which is built on technology acquired from Airspider. In 2009, Ruckus entered into Metro-Wi-Fi with outdoor mesh system.[22] In 2008, RUCKUS sued Netgear,[23] along with its new MIMO antenna supplier Rayspan, for patent infringement, over the antenna designs and associated software that have replaced the Beamflex technology which Netgear used to buy from Ruckus. Netgear licensed BeamFlex adaptive antenna to use in its RangeMax 824 v1 and v2 wireless routers. For RangeMax 824 v3 routers, Netgear used Rayspan made antennas which violated patents by Ruckus.[24][25] In 2010, three months after purchasing '454 and '143 patents from Adaptix Corporation., Netgear sued Ruckus for patent infringement. Netgear alleged that RUCKUS' Wi-Fi access points equipped with RUCKUS' BeamFlex and ChannelFly technology infringed the '454 and '143 patents. Netgear also asserted claims for induced infringement and contributory infringement, alleging that Ruckus knowingly and intentionally caused Ruckus' customers to infringe the asserted patents. On 4 November 2013, The Delaware jury returned a verdict of non-infringement for Ruckus, finding that Netgear failed to establish that any of the Ruckus accused products infringed the asserted claims of the '454 and '143 patents.[26] On May 24, 2010, Ruckus announced that it has been granted a Wi-Fi Security Patent for Dynamic Authentication and Encryption by the United States Patent and Trademark Office (USPTO) This patent is based on a technology developed by Ruckus called Dynamic Pre Shared Key, which require unique security keys to each WLAN user while Pre Shared Keys requires all user of WLAN to use same security key. The technology also aims to dynamically generate security keys and provision. On May 20, 2013, Ruckus introduced a follow-up technology to DPSK called 'Zero-IT Activation' to provision unique security keys to client devices by a small agent-like software. Logo of Video54 Technologies before changing its name to Ruckus Wireless Inc., Ruckus Unveiled their Switching portfolio on June 21, 2010, named as ZoneSwitch Series of Switches. ZoneSwitch Series had two models 4124 and 4224, 24 Port Ethernet RJ-45 PoE Switches and Fiber uplinks with 180Watts and 375Watts power budget respectively. On the same day Ruckus introduced a new Wall Switch access points ZoneFlex 7025 which fits compact into wall jack junction box and provides additional switch ports. Ruckus aims to provide multi-service using this access points in-room hospitality requirements and claimed it is industry's first Wall Jack/Wall switch/Wall jack access point. Former logo of Ruckus Networks, An ARRIS company from 2018 through 2019. On Jan 27, 2012, RUCKUS opened a new R&D center in Diamond District Office Building, Bangalore, India operations will be the company's first development centre in India, joining the company's four other R&D centres in Taiwan (Taipei), China (Shenzhen), Israel (Tel Aviv), and US (Sunnyvale, CA).[27] With 2013 YFind's acquisition, a R&D center in Singapore also added. RUCKUS went public on the New York Stock Exchange on November 16, 2012, under the symbol RKUS.[28][2] On 12 June 2012, In an awards gala in London, Global Telecoms Business recognized RUCKUS and Tikona Digital Networks for building world's largest outdoor wireless mesh network in India, naming the companies the winner of its 2012 Broadband Wireless Access Innovation award. Tikona network consisted of over 40,000 Ruckus ZoneFlex™ access points across 30 cities. IDC MarketScape: Worldwide Enterprise WLAN 2013-2014 Vendor Analysis" (doc #243354, September 2013) announced that RUCKUS is named as leader in WLAN market. The report had 3 vendors named as leaders including Cisco, RUCKUS and Aruba.[29] In 2006, the company acquired AirSpider Networks.[30] In October 2011, the company acquired the India development centre of Intellinet Technologies Inc.[31] Later that year, they acquired ComAbility.[citation needed] In 2013, RUCKUS acquired YFind Technologies Private Limited.[32] In 2015, the company acquired Cloudpath Networks.[33] On April 4, 2016, it was announced that Brocade Communications Systems had agreed to acquire RUCKUS for \$1.5 billion.[34][35] The deal was completed on May 27, 2016.[36] In November 2016, Broadcom announced their intention to acquire Brocade for \$5.9 billion.[37] The deal was finalized on November 21, 2017.[38] Broadcom said it would retain Brocade's fibre channel SAN switching business and divest Brocade's IP networking business – including the recently acquired Ruckus Wireless.[39] In February 2017, Arris International announced that it would acquire Broadcom's Ruckus Wireless and ICX® Switch businesses for \$800 million.[40] The deal was completed on December 1, 2017.[41] In November 2018 it was announced that CommScope would purchase Arris group including RUCKUS Networks, for \$7.4 billion.[42] The acquisition was completed in April 2019.[43] At MWC2018 at Barcelona, RUCKUS Networks announced the new CBRS LTE portfolio.[44] U.S. Citizens Broadband Radio Service (CBRS) 3.5 GHz LTE access points and related cloud subscription services were introduced by Ruckus to enable enterprises to deploy private LTE network. RUCKUS conducted live demonstration at MWC'18.[45] In December 2019, it was reported that a security researcher had found several vulnerabilities in the web user interface software that runs on a number of RUCKUS Wireless routers, which the company had since patched.[46] RUCKUS designed an adaptive directional antenna technology called BeamFlex, and sold the technology to other manufacturers to enable them to include it in their products. RUCKUS also came out with a Customer Premises Equipment (CPE) device that was sold to service providers.[47][48] RUCKUS offers WiFi products such as indoor and outdoor access points, including BeamFlex, which has smart antenna technology, and automatically adjusts to changes in the Radio Frequency (RF) environment providing stronger signals. Beamforming was integrated into the version of the 802.11 standard and 802.11ac. Ruckus introduced BeamFlex+ with Polarization Diversity Maximal Ration Combining (PD-MRC) to handle complex wireless environment and it was an upgraded technology of BeamFlex.[48] RUCKUS ICX Switches offers Campus Fabric technology in FastIron Operation system across all portfolio of switches. It is based on IEEE 802.1BR standard for network automation and management simplicity. Other products that RUCKUS offers include controllers, software, and smart wireless services.[49][50] RUCKUS Networks design, sell and service IT networking products, such as switches, WLAN controller, Access points, IoT gateways and software. RUCKUS started as Wireless only company selling to Internet Service Providers(ISP), Hotel chains, Large public venues and later extended to Education. Ruckus T300 at Flensburg City Hotspot[51] RUCKUS relies heavily on its enterprise business, as it is two-thirds of their revenue with almost 100% of enterprise sales coming from the channel. Many of these enterprises include hospitality, retail, healthcare, transportation hubs, and education.[52] RUCKUS Wireless started out by selling to carrier companies and they are still a good portion of their business. Their customers include Cntrto Telecom, Verizon, AT&T, Time Warner Cable, Deutsche Telekom, and China Telecom. One-third of Ruckus' business is selling to carrier businesses.[52] ^ "Ruckus Wireless Reaches New Heights With Wi-Fi Tech". nasdaq.com. September 10, 2014. ^ a b Dieterich, Chris (16 November 2012). "Ruckus Wireless Set to Debut After Pricing at \$15". Wall Street Journal. Retrieved 7 December 2020. ^ "Wi-Fi, smart antennas power new carrier gear from Ruckus Wireless | Network World". 2017-03-28. Archived from the original on 28 March 2017. Retrieved 2024-11-17. ^ "Ruckus Wireless Closes IPO Day At \$12.25 Per Share, 18% Below IPO Price". TechCrunch. 16 November 2012. Retrieved 13 December 2020. ^ "Ruckus Wireless, Inc". sec.gov. 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Stay connected with RUCKUS Networks' innovations, industry insights, and announcements shaping the future of networking. Discover More Announcements Upgrade Guides License Management Warranty & RMA KB & Forums Tools Asset Management We are evolving today's communications landscape to meet challenges and explore exciting new opportunities RUCKUS One™ cloud status © 2023 CommScope, Inc. All Rights Reserved. Terms of Use | Privacy Policy | Accessibility | Support | 2.4.1. 10 2399 RUCKUS purpose-driven edge solutions offer a scalable and flexible approach to services delivery at the edge of the network while delivering faster services, enhanced security, and integration with key vertical industries' custom management systems. News Insights The decorative video is currently playing The decorative video sound is off Ruckus, in a word, is what we wanted to create for friends and guests when we opened the doors of our NCSU location in 1999. A place for great food, great music and great times. Affordable, comfortable and delicious are the driving force behind every Ruckus. When you come through the doors of our restaurants, we want you to feel like you are coming over to a friend's house for a meal (a friend who is REALLY good in the kitchen). From all of us to all of you, enjoy yourselves, and may our house always be too small to hold all our friends! slideshow start stop playing Creative menus, exceptional service. Our catering services are designed to make your event unforgettable. From customized menus to table settings, we'll handle all the details so you can focus on enjoying the occasion. Our online ordering system makes it simple to customize your order and track its progress. Went here for the first time. Absolutely loved it the food was phenomenal and the portions were the best of anywhere I've been. Even the appetizer was a great portion size. I will continue to return to this place. An excellent place to eat with more menu variety than any other pizza restaurant I've seen. They have anything from tacos, subs, wings, salads along with a sushi menu and a brunch menu on Saturdays and Sundays. We ordered pizza, sweet & spicy BBQ wings, and mozzarella sticks. All 3 dishes were delicious. Their alcoholic beverages are also well made. I ordered the Chicken Parmesan and the end all burger on Uber Eats. The food came fast and was hot and fresh. I loved the Chicken Parmesan and my friend loved the burger. I will order and again and recommend if you're looking. Food was excellent. Service was great as well. I really enjoyed the garlic knots and my meal as well, ranch bacon chicken wrap and pasta salad. I loved my coconut mojito also! You will not find better food, service or variety in food choices than Ruckus! Best sports bar with great atmosphere for families and the sushi is top notch! Highly recommend! Kid-friendliness: Not just a sports bar. Great atmosphere and choices for kids. A guide to indoor APs, outdoor APs and bridges, control and management, ICX® switches, and monitoring and software. To simplify management, Chuze Fitness and TeamLogic IT opted for the ease of use and flexibility of RUCKUS Cloud™. TeamLogic IT monitors and manages all locations from a single centralized web-based dashboard and through the mobile app. As guest expectations rise, delivering high-quality live TV and streaming services is crucial. Explore how to optimize IPTV using RUCKUS APs and ICX switches in hospitality settings, including Chromecast configurations and fine-tuning techniques. Enterprises have struggled with supporting growth and network architecture as the number of connected devices and streaming audio content increases. Unfailing Wi-Fi connects America's Cup Italian team on land, sea and air. The Luna Rossa Prada Pirelli team has selected RUCKUS Wi-Fi equipment to connect its 75-foot-long AC75 racing yacht during the PRADA Cup. Lessons of the past lead IT to prioritize top-notch support and forward-looking technology to support more online learning and for better safety, security and emergency communications. All with a simplified, single pane of glass to manage the network of APs and switches. RUCKUS Professional Services has specialized expertise focusing on the design and deployment of LPV and other high-density environments. The brand reputation and methodologies developed around the spectator sport networks practice are second to none. Learn how to leverage advanced RUCKUS AI and SmartZone features for managing the complex and unique regulations governing Wi-Fi 7 operations in the 6 GHz spectrum band.