



## David Lu

Vice President, Network Systems & Automation, AT&T Labs

David Lu currently leads a global team of more than 2,500 people responsible for the architecture, development and engineering of AT&T's next generation SDN (Software Defined Network) automation platform and open source (Linux Foundation ONAP) enabling AT&T's network virtualization and target network systems transformation including APIs, micro-services, policy control & orchestration, hyper-automation and advanced data analytics.

David is a well-respected leader in large scale, real time software architecture and development, network performance and traffic management, work flow and policy-controlled automation, large databases and big data implementation/mining/analytics, machine learning, artificial intelligence, software reliability and quality, and network operations process engineering. He has led major software platform transformation initiatives from sales to network, service delivery/assurance and billing platforms. Examples of his achievements include large scale platforms he has led and engineered that process annually: **984 Trillion** network performance events and **348 Billion** alarms with 99.99%+ automation; **60 Million** dispatches with **14.4 Billion** automated manual steps; and over **90 Billion** API transactions.

Since joining AT&T Bell Labs in 1987, David has served in various leadership positions at AT&T. He has led numerous automation initiatives in AT&T that resulted in **multibillion-dollar** savings over the past 20 years and won AT&T's **CIO 100 Award** in 2010. David holds **48** patents and frequently appears as a guest speaker at technical and leadership seminars and conferences throughout the world. He has received numerous industry awards including the **2015 Chairman's Award** from IEEE Communication Society for Network and Systems Quality and Reliability and **2017 CIE AAEOY (Asian America Engineer of Year) Award**. David is very active in community organizations and activities including AT&T InspirAsian, AT&T OASIS, AT&T Women of Technology, DFW-CIE and DFW Asian American Chamber of Commerce. He was recognized by AT&T InspirAsian with the **2015 Corporate Leadership Award**. David is an acclaimed cellist, passionate about technology and mentoring and a very proud husband and father.

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