In Memory of Mark Carlson

In 2013, due to his stellar technical contributions and leadership, DMTF's Board of Directors unanimously voted to recognize Mark as a part of the new DMTF Fellow Program. Mark was an invaluable DMTF member and officer for over 20 years and was actively involved in the organization in a variety of pivotal roles until his passing.

Mark will be remembered warmly and leaves a long list of accomplishments. When you have 40+ years of experience, you have earned a legacy!

In 1993, Mark joined AT&T’s Network Access Systems (NAS) Labs as a member of the technical staff. While there, he helped create an industry standard, known as CTP/ITL, that specified how to communicate over switched telecommunication networks and is still used today. He was also a key contributor to the T1.105 standard, which defines the digital interface between telecommunication networks and customer premises equipment.

In 1997, Mark joined Sun Microsystems as a Technical Staff Member, where he led the development of an innovative set of software tools for C++ developers called the Java Source Analysis and Refactoring Tool (J-SART). J-SART was a software analysis tool designed to identify, refactor, and optimize large code bases. With J-SART, Mark was able to provide tools that would help developers optimize their code and improve the performance of their applications.

In 2000, Mark joined Storage Network Industry Association (SNIA), where he served as the chair of the ESG Subcommittee. He was instrumental in the development of the Storage Management Interface (SMI) specification, which defines the specifications and protocols used to manage storage devices. Mark’s work on the SMI specification helped to ensure that storage devices could be managed by a variety of different management systems.

In 2002, Mark joined Open Fabric Alliance (OFA) as a Technical Staff Member, where he was responsible for developing standards for fabric management. While there, he developed the Fabric Management Architecture (FMA) specification, which defines the architecture and protocols used to manage fabric devices. Mark’s work on the FMA specification helped to ensure that fabric devices could be managed by a variety of different management systems.

In 2008, Mark joined OpenNebula, where he served as a Technical Staff Member. OpenNebula is an open source cloud computing platform that enables users to create and manage cloud services. Mark’s work on OpenNebula helped to ensure that the platform was able to meet the needs of its users.

In 2010, Mark joined DMTF, where he served as a Senior Technical Staff Member. DMTF is an organization that creates open manageability standards spanning diverse emerging and traditional technologies. Mark’s work at DMTF helped to ensure that the organization was able to meet the needs of its members.

In 2013, Mark chaired DMTF’s Cloud Management Working Group and assisted in the creation of industry standards delivered and personally worked on or authored several specifications over the years. Mark was an active participant in the development of many of DMTF’s technical specifications, including the Data Management Interface (DMI), the Common Information Model (CIM), and the Redfish specification.

In 2014, Mark chaired the Technical Committee on Cloud Computing (TM3), which is responsible for developing standards for cloud computing. He was a key contributor to the specification of cloud computing standards, including the Cloud Computing Reference Model (CCRM) and the Cloud Computing Architecture Model (CCAM).

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