

Letter from the Editor

By: Scott St. John

At 10:56 on the night of July 20th, 1969 Neil Armstrong took the first step onto the surface of the Moon. Before he did, he had little assurance of what would happen next. For all he knew at 10:55 on that historic evening, he could have been instantly vaporized or consumed by alien microbial life. The mission had risk. He had courage. In fact no great human achievement has occurred, before or since, without both.



There is a fine, but distinct line between courage and recklessness. Courage is an acknowledgement and understanding of the risks, some degree of preparation to mitigate them, and the decisive decision to proceed in spite of them. Perhaps also with the pure intention to overcome and venture beyond them. Recklessness, on the other hand, is the ignorance of the risk or the outright refusal to acknowledge or understand them. The question is, which are you—reckless or courageous?

Today's technical advancements are rife with risk. [Autonomous vehicles are killing people](#), Artificial Intelligence (AI) [has created its own language](#) which defies human comprehension, attacks leveraging [connected devices have cost billions of dollars](#) in commerce, and hackers are coordinating focused [cyberattacks on national power grids](#). The risks are real. Which is why this issue of *Pipeline* is so important.

In [this issue](#) of *Pipeline*, we look at security and assurance technologies that to help you prepare for some of the risks ahead. Proofpoint spotlights [five security threats VPNs can't defend](#). WeDo shows us how [AI can be used to combat fraud](#) and tells us of the risks, opportunity and increased complexity with [5G network slicing](#). The Trusted Computing Group helps us create a health check for the [Internet of Things \(IoT\) and security](#) of connected devices. Masergy walks us through [SD-WAN security criteria](#) and Aryaka show explores [security for multi-cloud architectures](#). Dr. Mark Cummings tells us why [cybersecurity efforts are failing](#), and about an organization that can help. We also take a look back at the month's [top news stories](#) and [more](#).

We hope you enjoy this and every issue of *Pipeline*,

Scott St. John
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Pipeline

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