

*“Perfection is achieved not when there is nothing more to add,
but when there is nothing left to take away.”*

— ANTOINE DE SAINT-EXUPÉRY

The primary goal of *Æ*thernet is to re-examine the foundational assumptions made by Ethernet five decades ago, and ask whether they remain valid within today’s racks and chiplet modules. Just as RISC processors

transformed computing by embracing simplicity and focus, so too must we consider whether a “reduced” protocol can lead to a network that is formally verifiable, inherently transactional, and radically simpler. We

adopt the same spirit as the original Ethernet pioneers: start from first principles, strip down to essentials, and then — only then — ask how best to interoperate with the world we inherit.