NUMBERLINE SECURITY

Zero Trust Maturity Model Plus (ZTMM+)

Numberline's enhanced, extended, and more effective version of the CISA Zero Trust Maturity Model

The United States Cybersecurity and Infrastructure Security Agency (CISA) has generously provided a freely available, public domain Zero Trust Maturity Model (ZTMM), which has been widely adopted across both public and private sector organizations worldwide. The CISA ZTMM has proven itself useful and is a valuable resource for organizations looking to implement Zero Trust principles. It provides a clear framework for assessing maturity levels across its five key pillars: Identity, Devices, Networks, Applications and Workloads, and Data.

However, while the ZTMM provides a solid foundation, it does have a number of flaws and limitations, particularly when applied to the private sector. Drawing on Numberline's extensive experience applying the ZTMM across both the private and public sectors, we developed an enhanced, extended, more comprehensive, and more broadly applicable model: ZTMM+.

ZTMM+ is a more robust and practical framework, with the following key improvements:

- **Defined Pillar Functions**: While the core of the CISA model is its 40 functions across the pillars, surprisingly the baseline CISA does not actually define these functions. ZTMM+ fills this gap, providing clear definitions and making this framework more broadly understood and approachable
- **Clarified Maturity Levels**: Several of the functions' maturity progressions were off-target for private-sector enterprise environments. ZTMM+ clarifies and redefined fifteen functions' maturity levels, improving their usefulness and relevance for enterprises.
- **Added New Functions**: ZTMM+ introduces eight entirely new functions across the pillars, addressing critical areas not fully covered in the original ZTMM. These new functions better support the holistic nature of Zero Trust, as well as enterprises' evolving needs.
- **Developed a Structured Methodology for Maturity Assessments**: ZTMM+ includes a detailed methodology for conducting maturity assessments, providing organizations with a repeatable and consistent approach to evaluate their Zero Trust progress.
- **Created Function Attributes:** In order to properly and objectively evaluate an enterprise, each of CISA's functions must be further decomposed into its specific attributes. ZTMM+ defines over 85 specific characteristics across functions, which are evaluated during a maturity assessment.

Comprehensive Perspective	Proven Approach	Expert-Led Assessment
Holistic analysis of enterprise maturity	Methodology based on real-world experience	Our experts literally "wrote the book" on Zero Trust for the enterprise

ZTMM+ Offerings

Numberline offers multiple options for how your enterprise can apply ZTMM+, based on your team's experience, breadth, availability, and familiarity with Zero Trust concepts.

Feature / Service	Self-Service ZTMM+ Assessment	Guided ZTMM+ Assessment	Full-Service ZTMM+ Assessment
Full ZTMM+ maturity model	✅	✅	✅
Interactive spreadsheet for documenting and scoring your enterprise	✅	✅	✅
Video training guide to ensure readiness to perform an effective assessment	✅	✅	✅
Numberline security expert consultation		✅	✅
Expert-led kick-off session and deep-dive on one pillar of your choosing		✅	✅
Expert progress review in a checkpoint session, and feedback on draft self-assessment		✅	✅
ZTMM+ Assessment led by Numberline Zero Trust experts			✅
Numberline experts lead, write, and deliver a complete assessment of your enterprise' maturity			✅
Numberline provides detailed documentation and a presentation for stakeholders			✅

Guidance Rooted in Real-World Experience

Numberline's security experts are practitioners and thought leaders in Zero Trust. Not only are we the authors of the influential book *Zero Trust Security: An Enterprise Guide,* we also lead the Zero Trust Working Group at the Cloud Security Alliance. Even more importantly, we work with enterprises every day to help them define and execute on effective Zero Trust strategies.

ZTMM+ is a key element within Numberline's proven Zero Trust Blueprint, which provides a simple, structured approach for a successful Zero Trust initiative. Our blueprint is based on ready-to-use tools, processes, and templates, embodying our practical approach with a bias toward rapidly delivering value to the business.

For more information, visit us at NumberlineSecurity.com