National Electrical Manufacturers Association

NEMA Guideline Document
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Harmonized Cybersecurity Standards and Conformity Assessment

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Executive Summary

The objective of this document is to emphasize the need for globally harmonized industry consensus around cybersecurity process Standards and conformity assessments. It describes an ecosystem of rapidly expanding IoT devices and connectivity and how addressing and mitigating cybersecurity risks across the processes utilized to build and deploy products and systems around the world is imperative that NEMA Member companies already undertake.

The document describes a problem statement where many countries worldwide are developing cybersecurity requirements without considering the need for global harmonization. Such a misalignment not only increases complexity and costs but also slows down market adoption.

This document describes the key themes and rationale behind the need for globally harmonized cybersecurity process Standards and conformity assessments. It concludes with a call to action for manufacturers, their customers, and corresponding government agencies to collectively drive towards that goal.

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