RIA is now A3 Robotics!

- As of April 14, 2021
- Convergence of technologies, advancements of technologies
- 4 daughter organizations were always part of A3; now our branding reflects this reality.
  - RIA
  - AIA
  - MCMA
  - A3 Mexico
- Does not retroactively change the designation codes of our published standards.
A3 Robotics Standards Committees

U.S. – ANSI:
- R15 Standards Approval Committee (SAC) – Consensus body for the R15 family of standards
  - R15.06, Drafting Subcommittee for Industrial Robot Safety
  - R15.08, Drafting Subcommittee for Industrial Mobile Robot Safety

International – ISO TC 299, Robotics
- A3 is the Administrator for the U.S. TAG for ISO TC 299
  - See R. Nelson Shea’s presentation about ISO TC 299 activities
A3’s Existing ANSI Standards

- ANSI/RIA R15.06-2012 ("R15.06") > Direct U.S. Adoption of ISO 10218-1,2:2011 ("10218"). Safety requirements for industrial robots and robot systems.

- And our latest published standard, R15.08-1 – More on next slide
R15.08 Committee

- ANSI/RIA R15.08-1-2020 ("R15.08-1"), *Safety requirements for industrial mobile robots – Part 1: Industrial Mobile Robots* was published 25 Dec 2020!
- Purchase [R15.08-1](#) on our webstore

- **Next Step:** R15.08-2 (integration) is in development
- **Goal:** Complete First Draft for full committee review by end of CY 2021; publication by end of 2022
R15.06 Committee – In development

- RIA TR R15.906-202X ("TR 906") is being readied for official ballot – Verification & validation of safety-related software
- RIA TR R15.1006-202X ("TR 1006") is in development – Testing methods for Speed and Separation Monitoring (SSM) collaborative robot systems
- Now starting to plan for the U.S. national adoption of the updated 10218-1,2 as the next edition of R15.06
  - Depends on publication dates for 10218-1 and 10218-2
  - Likely, first half of 2023 for the completion of the next edition of R15.06
Questions?

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