



Why and Which Standard to be Certified

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LET'S TALK!






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What are the Product or Service your company provides?

- The Product or Service is a factor in determining an applicable standard(s)
- For example:
 - If you do not perform recycling then the recycling standards are not applicable
 - If you are a virtual corporation then ISO 27001 may be applicable
 - If you have DOD business, then CMMC would be applicable

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What are your needs of your company for product and services concerning certification?

- Need Certification for a contract
- Expectation of users of your service or product?
- Need Certification to improve corporate image
- Need/use Certification to improve your processes




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How does the “needs” drive your Certification?

Need Certification for a contract/Expectation of users of your service or product?

- Creates a completion date for certification
- Sometimes the only focus is to get the certificate
- Sometimes the process improvements are a secondary item




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How does the “needs” drive your Certification?

Need Certification to improve corporate image

- Creates a completion date for certification
- Sometimes the focus is to get the certificate
- Sometimes the focus is to improve the processes
- Or combination of get the certificate and improve the processes






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How does the “needs” drive your Certification?

Need/use certification to improve processes

- The standards have management principles and controls that will improve your processes
- Some standards have specific requirements for specific processes such as e-Stewards and R2
- Some have measurements such as TL 9000






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Standards and type of Standards

- ISO Standards that may be applicable
 - ISO 9001
 - ISO 14001
 - ISO 45001
 - ISO 27001
 - ISO 27701
- Non-ISO Standards that may be applicable
 - RIOS
 - e-Stewards
 - R2v3
 - TL 9000
 - DOD CMMC






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Common Management Requirements for ISO Standards

- ISO Management Standard have to meet the requirement of Annex SL or L
- The requirements contain
 - Standard formatting and subjects
 - Standard Management controls
 - Management Review/Internal Audits/Corrective Action
 - Management Commitments
 - Operational Controls
- Thus, 40 to 60 % of each standard has common requirements

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ISO 9001, Quality Management

- Contains the requirements and controls for the Quality Activities
- Not just for manufacturing but is also applied to service companies, recyclers and ITAD companies
- R2v3 may require certification to this standard






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ISO 14001, Environmental Management

- Contains the requirements and controls for all the environmental activities
- Is built on the concept of a “site” and the applicable environmental requirements
- Normally all the land of the “site” activities are included in the certification scope
- e-Stewards and R2v3 may require certification to this standard

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ISO 45001, Health & Safety Management

- Contains the requirements and controls for Health and Safety
- Cannot omit areas or personnel from the certification scope
- R2v3 may require certification to this standard





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ISO 27001, Informational Security Management

- Contains the requirements and controls for Informational Security Management
- The core requirements except when performing data sanitization involves:
 - IT Data Security Personnel
 - Human Resources Department
 - Security/maintenance personnel
- If you are performing Data Sanitization you must apply all the standards to the company




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ISO 27701, Personal Information Security Management

- Is an additive standard to ISO 27001 for personal information security
- Some companies use this standard to meet the GDPR Requirements




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RIOS, Recycling Management

- Recycling Management Standard built for the Recycling Industry
- Contains the core requirements of ISO 9001, 14001, and ISO 45001
- Based on the concept of the footprint
- Very practical standard for the recycling industry



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e-Stewards, Electronic Recycling Standard

- Contains specific requirements for recycling from collection to destruction or repair
- Requires NAID Certification for the data security aspects
- Non applicable requirements may be omitted

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R2v3, Electronic Recycling Standard

- Contains the specific recycling requirements from collection to destruction or repair
- Contains “core” requirements and applicable Appendices which are
 - Annex A, Downstream Recycling Chain
 - Annex B, Data Sanitization
 - Appendix C, Test & Repair
 - Appendix D, Specialty Electronics Reuse
 - Appendix E, Material Recovery
 - Appendix F, Brokering

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TL 9000, Telecommunication Management


- May be applicable for companies that supply part to the telecommunication market
- Standard is a combination of ISO 9001 and Telecommunication requirements
- Contains requirements measurement requirements that must be uploaded in a database

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DOD CMMC (Cybersecurity Maturity Model Certification)

- Applicable if you have contracts DOD
- Requirements are based upon NIST Handbook 800-171
- Level of Certification Required bases on the type of contract
 - Level 1-Self Evaluation
 - Level 2-Audited
 - Level 3 -For Prime Contactors/Audited
- Rules/Requirements still in Rule Making Process, estimated completion 2023



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IMPORTANT POINTS

- This presentation is a quick overview of applicable standards to be certified
- Reason:
 - Contracts
 - Image
 - Improvements
- Logic-which standard(s) meet your needs

Questions?

- Thank you for attending this presentation



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