

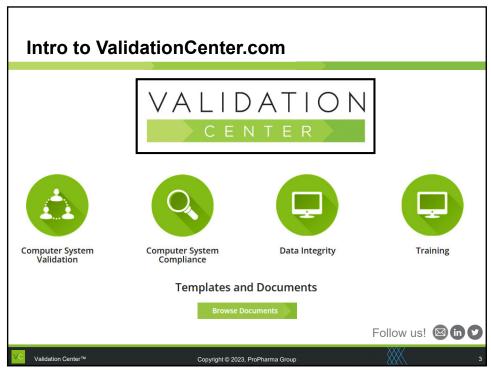
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## Your Facilitator

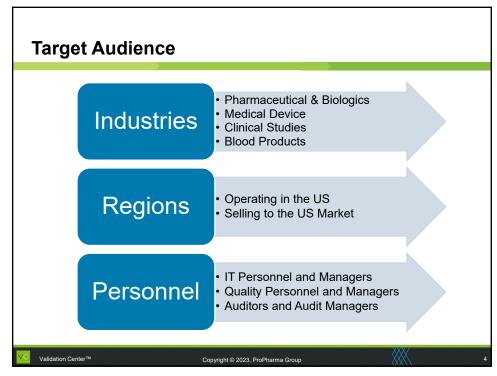
- · Debra Bartel, MBA, CQA, PMP
- · VP, Life Sciences QA
- 30 years' experience specializing in software quality assurance, validation and regulatory compliance, Information Systems project management, and process design.
- Previously held management positions in the pharmaceutical industry in both Quality Assurance and Information Systems organizations
- · Active member of American Society for Quality (ASQ), Northeastern Illinois Section, Software Division

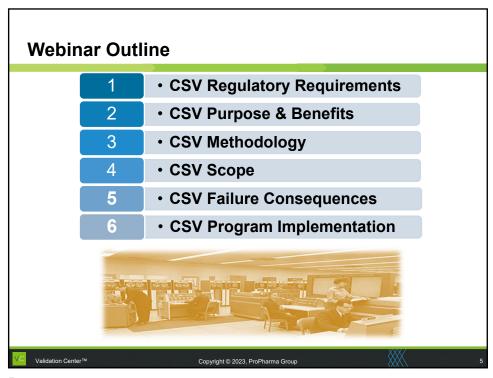
Validation Center™

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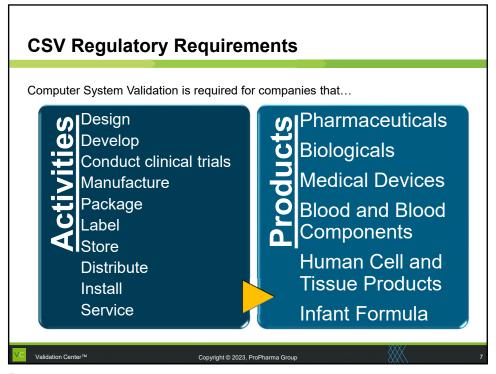
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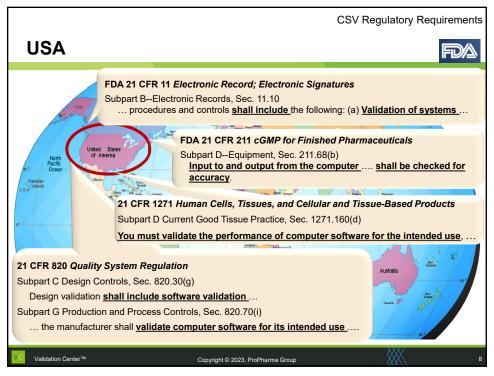


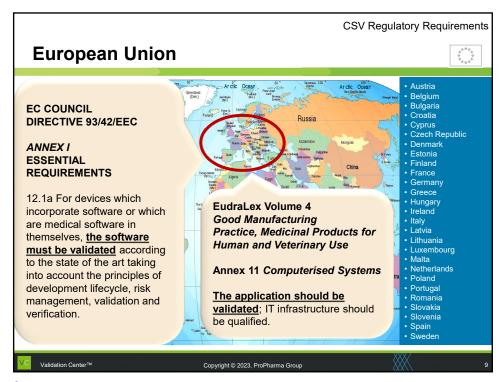


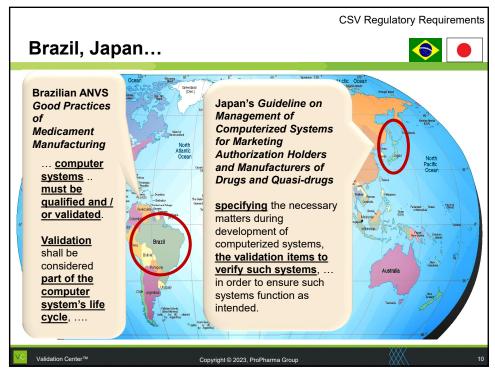
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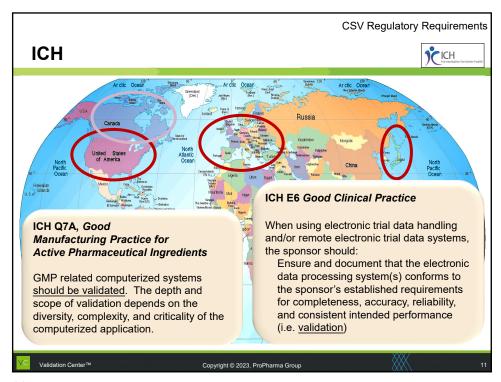


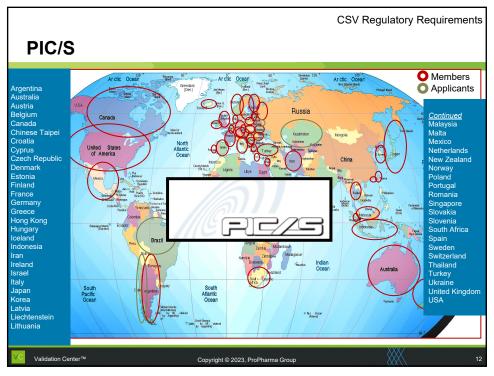


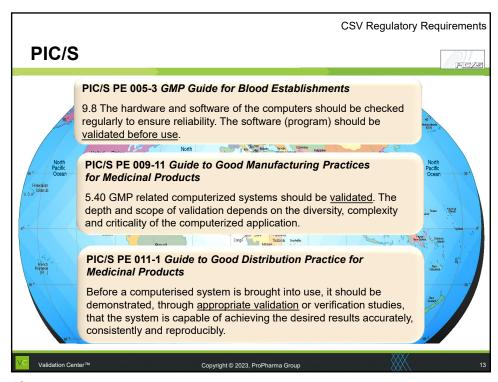




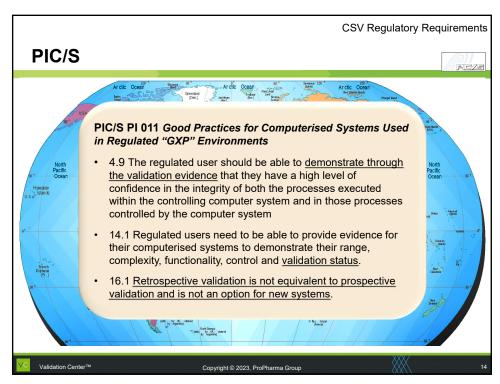


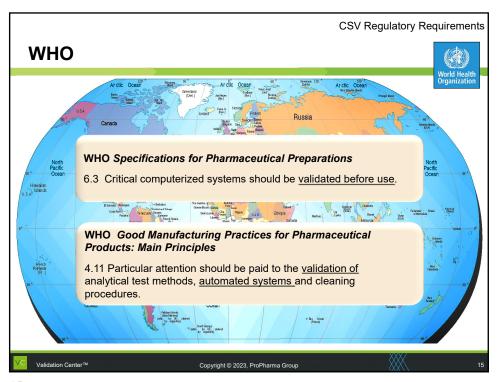




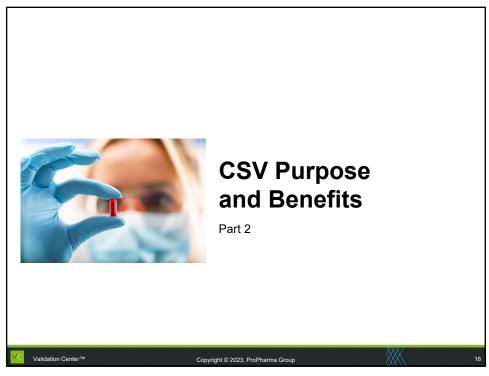


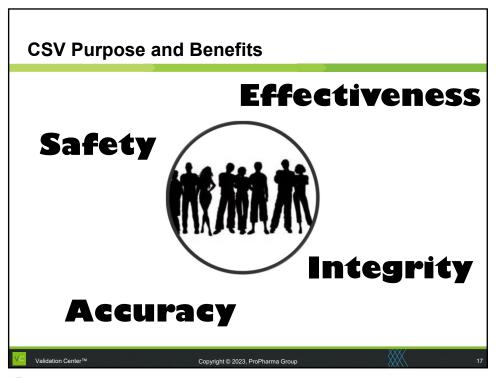
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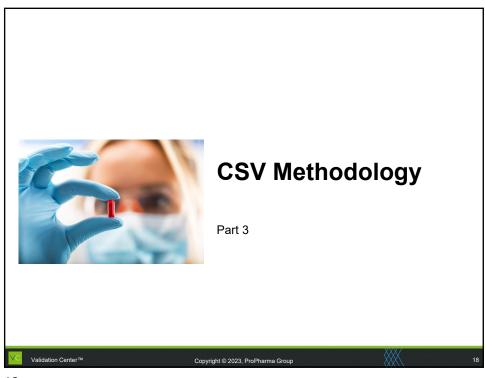


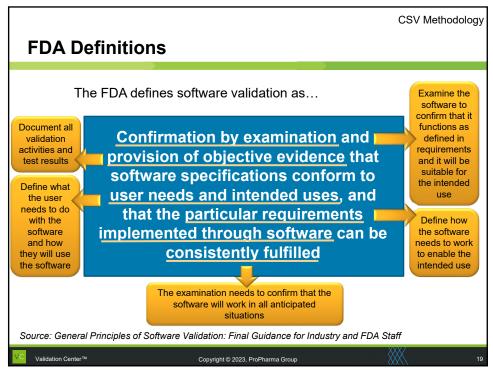
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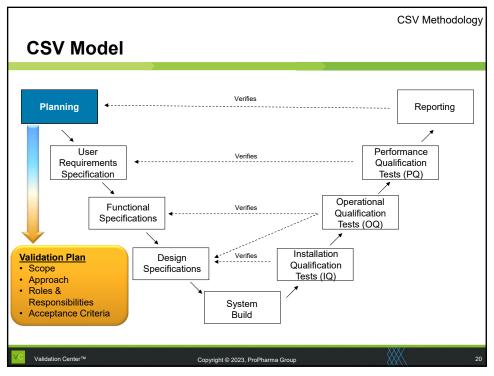


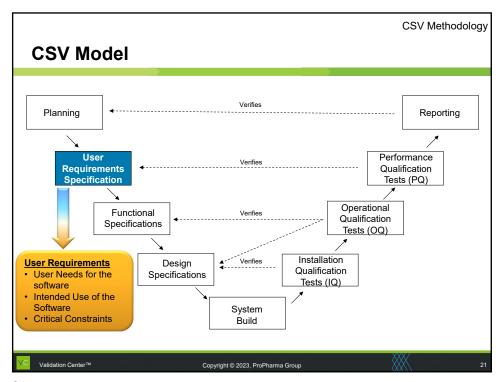
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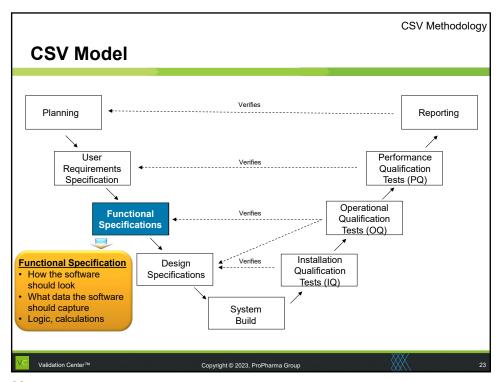
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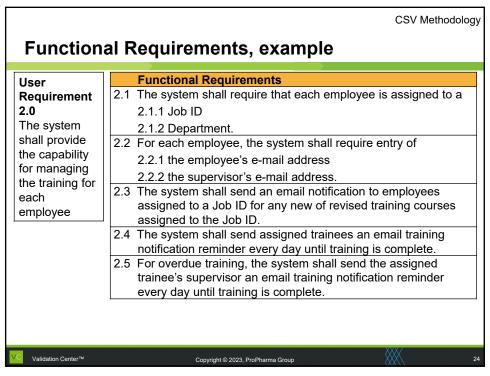


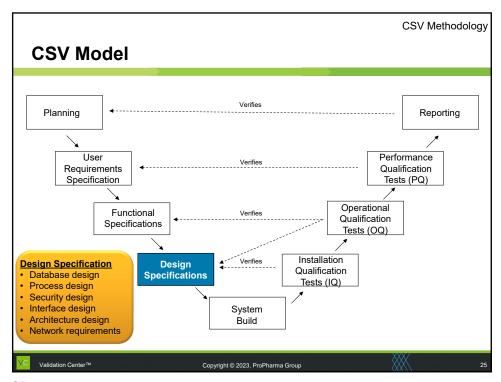


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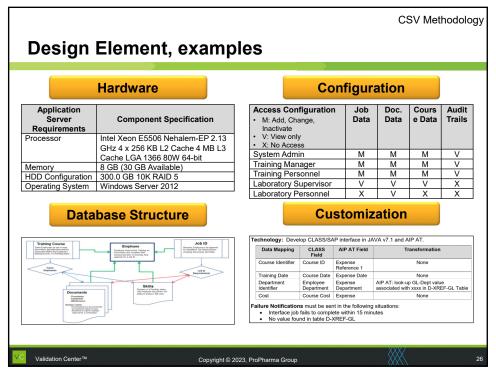
		CSV Methodo
Jser Requiremen	t, examples	
1.0 The system shall provide the capability for managing the training requirements for each job	2.0 The system shall provide the capability for managing the training for each employee	3.0 The system shall track completion of employee training
14.0 The system shall restrict user access to authorized personnel	15.0 The system shall require User IDs to be unique	16.0 The system shal require passwords that cannot be easily guessed
<b>25.0.</b> The system shall provide reports of employee training status	26.0. The system shall provide reports of training charges by department	32. The system shall provide an audit trail that complies with 2° CFR Part 11
Validation Center™		XXX

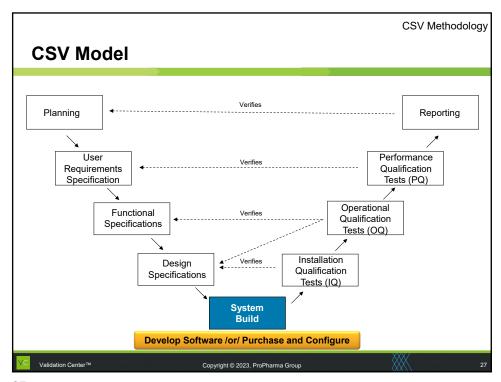




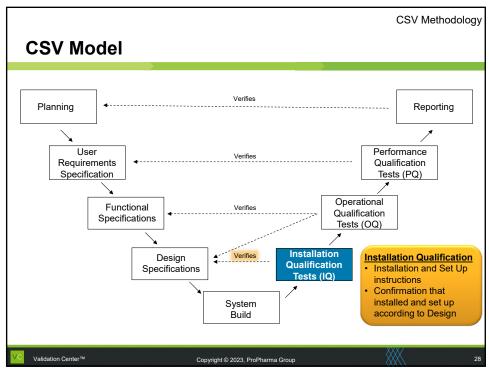


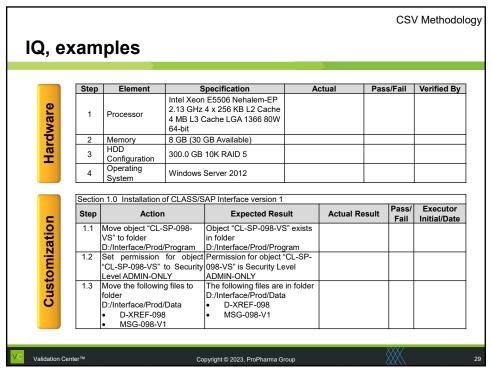
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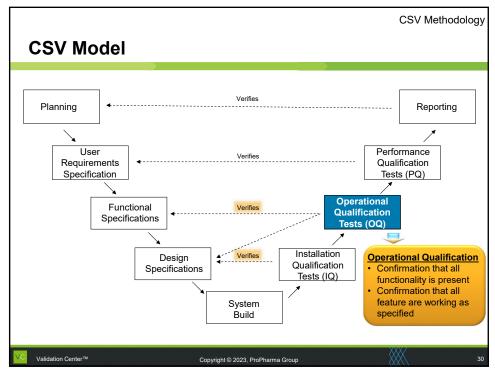


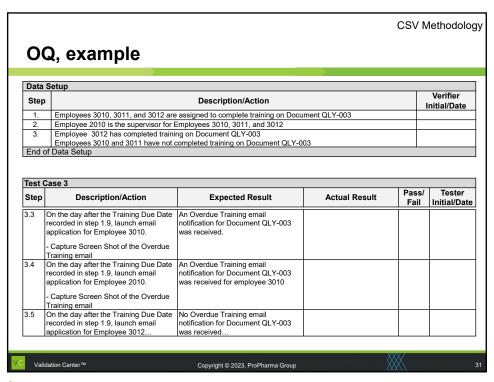
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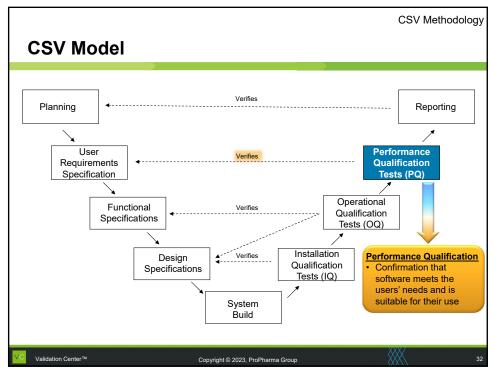


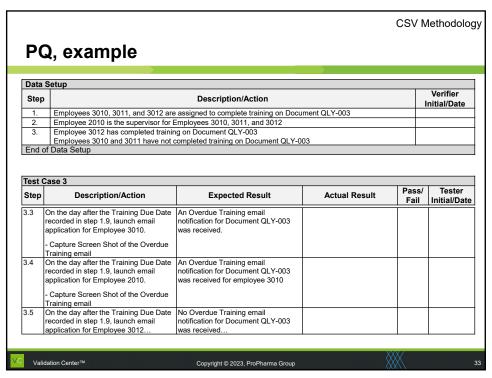


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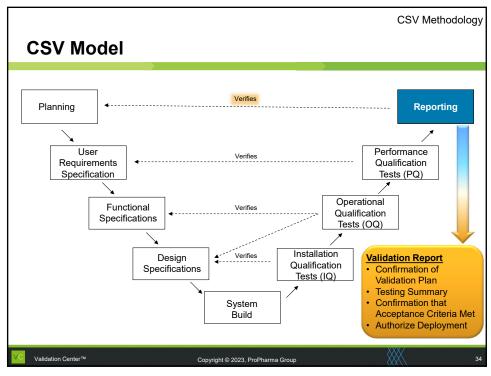


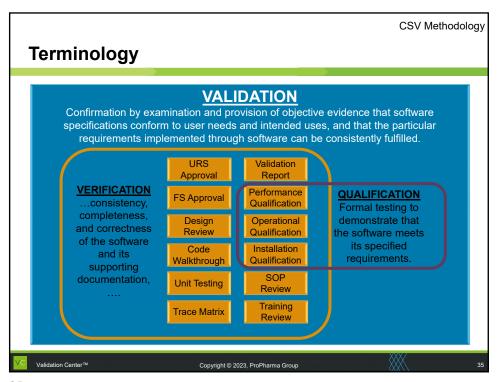




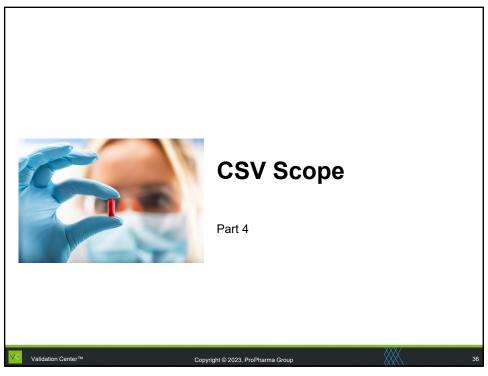


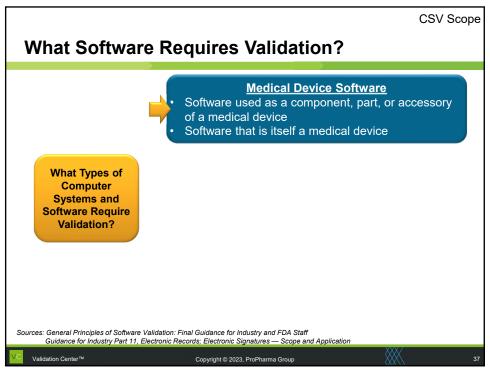
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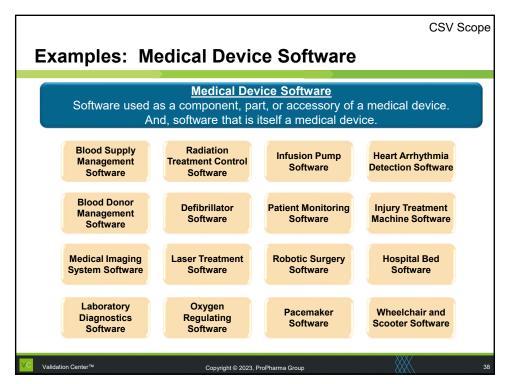


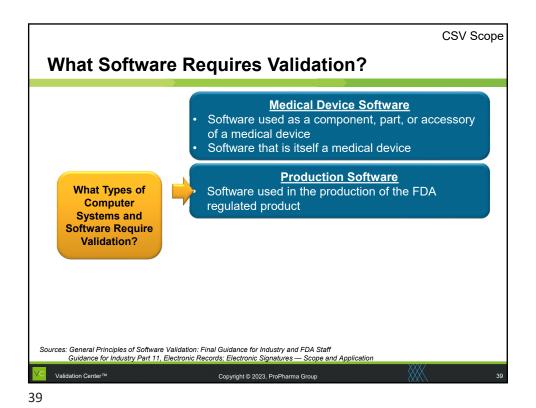
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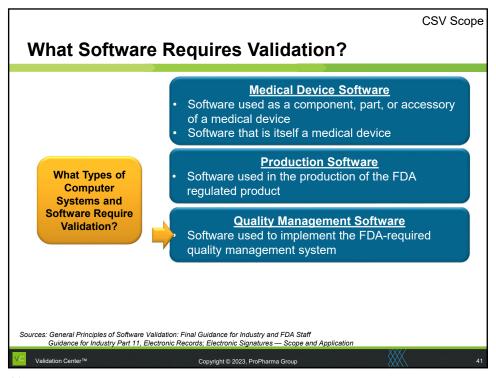


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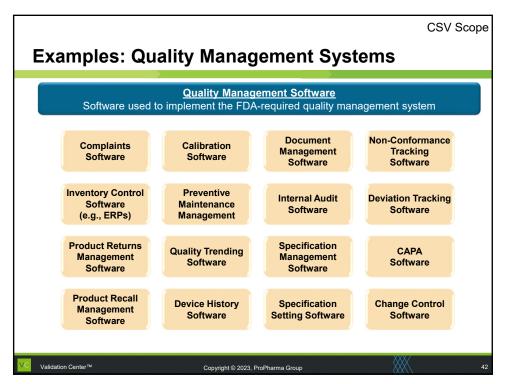


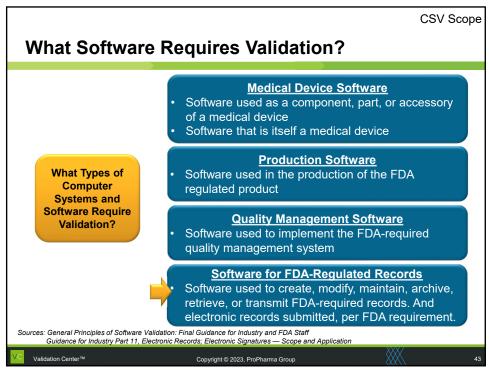


CSV Scope **Examples: Production Software Production Software** Software used in the production of the FDA regulated product Manufacturing Production Laboratory **Batch Release** Monitoring Automation Instrument Software Software Software Software Programmable Laboratory Product/Part Bill of Material Logic Controllers Management Inspection Software (PLCs) Software Software Laboratory Computer **Material Control Product Testing** Numerical Calculations (e.g., Software Software Controls (CNCs) spreadsheets) **Building** Work Order **Yield Calculations** Management Management **Labeling Software** Systems Software Validation Center™ Copyright © 2023, ProPharma Group

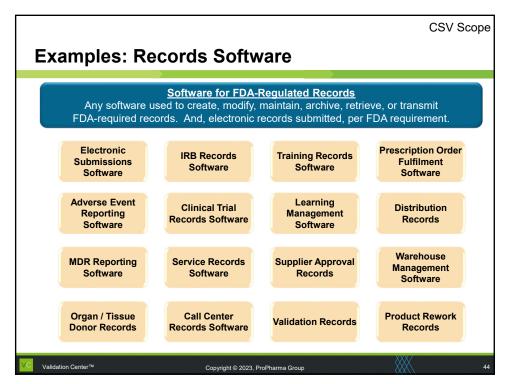


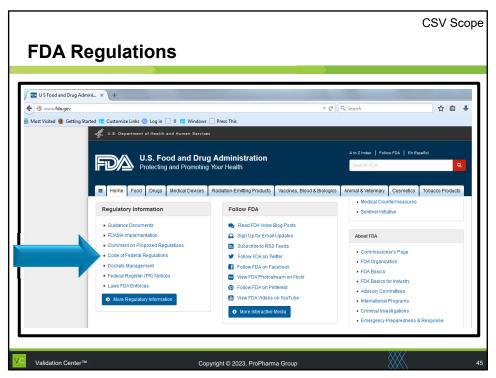
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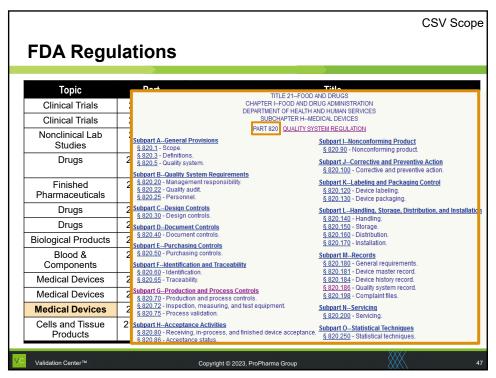
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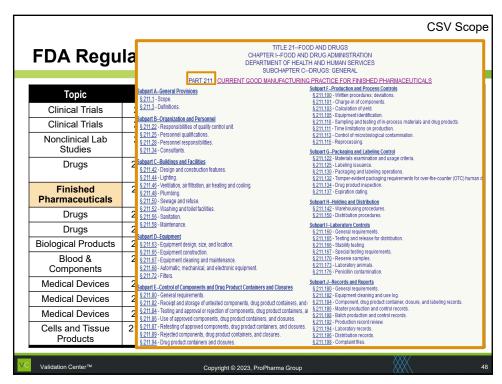


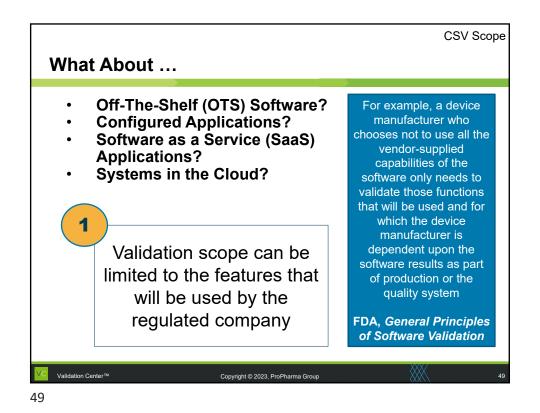
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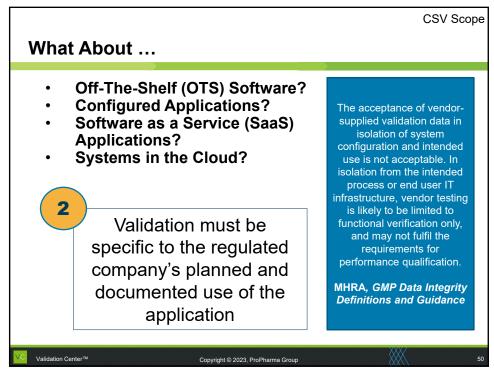
		CSV Sco	
FDA Regulations			
Topic	Part	Title	
Clinical Trials	21 CFR 50	Protection of Human Subjects	
Clinical Trials	21 CFR 56	Institutional Review Boards	
Nonclinical Lab Studies	21 CFR 58	Good Laboratory Practice for Nonclinical Laboratory Studies	
Drugs	21 CFR 210	Current Good Manufacturing Practice in Manufacturing, Processing Packing, or Holding of Drugs; General	
Finished Pharmaceuticals	21 CFR 211	Current Good Manufacturing Practice for Finished Pharmaceuticals	
Drugs	21 CFR 312	Investigational New Drug Application	
Drugs	21 CFR 314	Application for FDA Approval to Market a New Drug	
Biological Products	21 CFR 600	Biological Products: General	
Blood & Components	21 CFR 606	Current Good Manufacturing Practice for Blood and Blood Components	
Medical Devices	21 CFR 803	Medical Device Reporting	
Medical Devices	21 CFR 806	Medical Devices: Reports of Corrections and Removals	
Medical Devices	21 CFR 820	Quality System Regulation	
Cells and Tissue Products	21 CFR 1271	Human Cells, Tissues, and Cellular and Tissue-Based Products	
		XXX/	

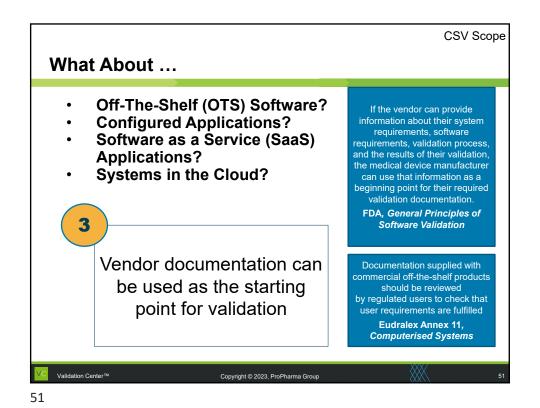


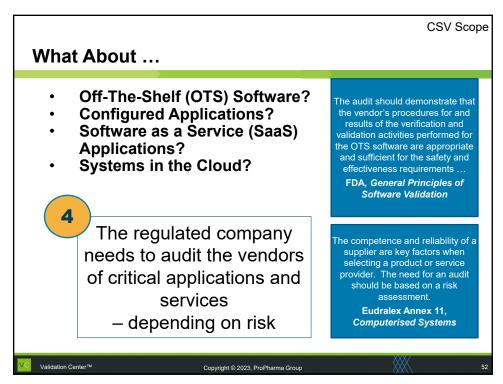
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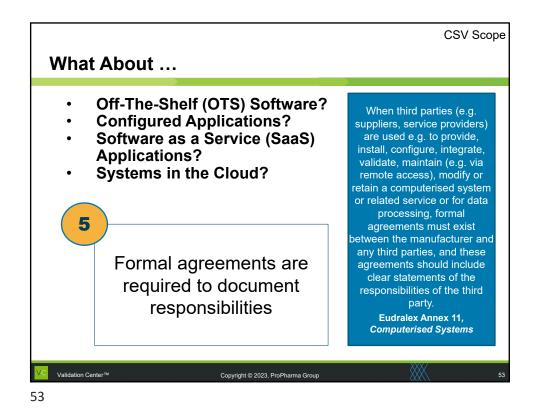


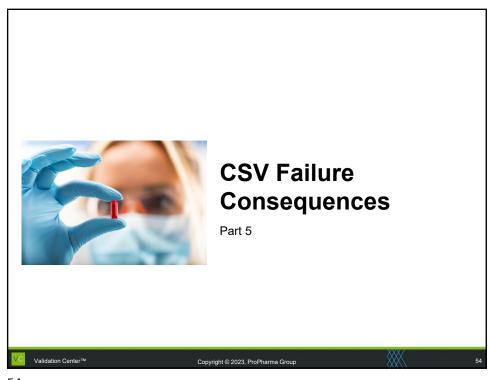


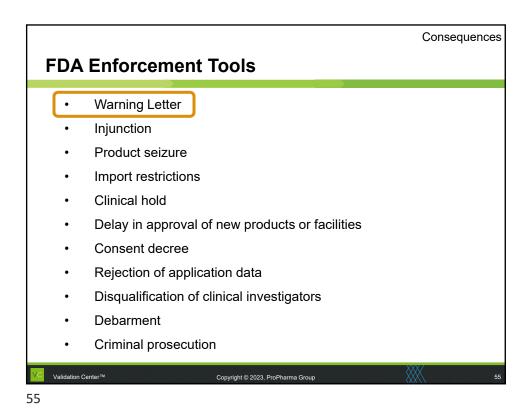


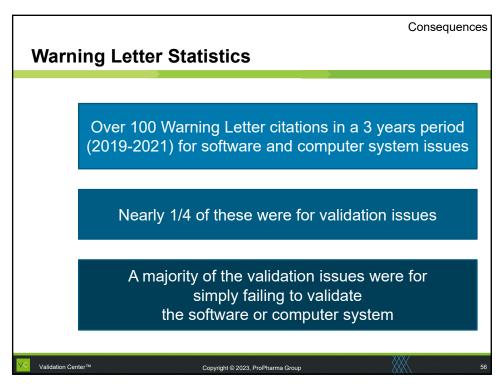


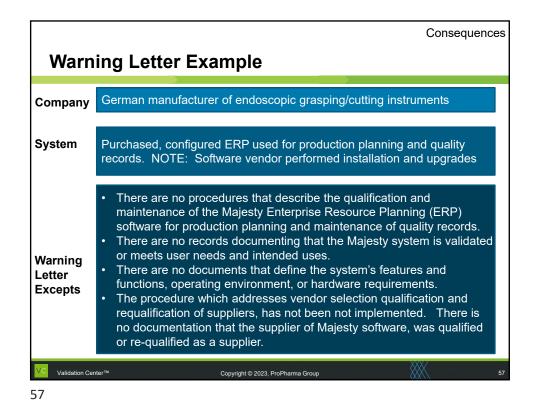




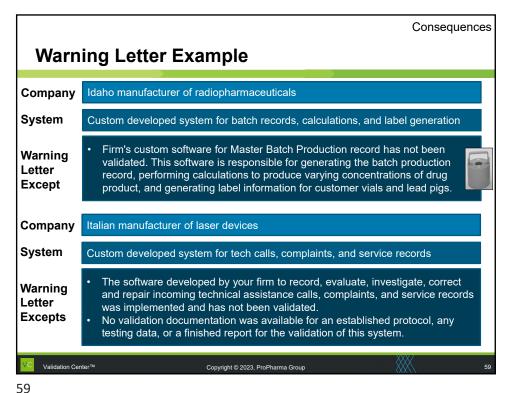




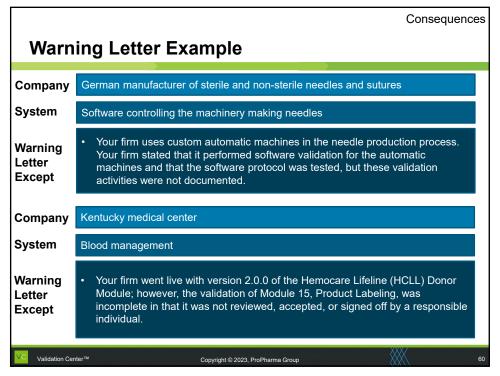




Consequences Warning Letter Example Company California manufacturer of wound bio-engineered alternative tissue devices System Spreadsheet used for calculations Warning Your firm did not validate use of an Excel spreadsheet used to calculate the Except Moisture Vapor Transmission Rate (MVTR) Company New Jersey manufacturer of medical devices SharePoint used for document management System Off-the-shelf software (Microsoft SharePoint) is being used to manage quality system documents for document control and approval. However, firm has failed to adequately validate this software to ensure that it meets your needs and Warning intended uses. **Excepts** There were two different versions of your CAPA & Customer Complaint procedure; however, no revision history was provided on the SharePoint document history. Your firm has failed to validate the SharePoint software to meet your needs for maintaining document control and versioning. Copyright © 2023, ProPharma Group

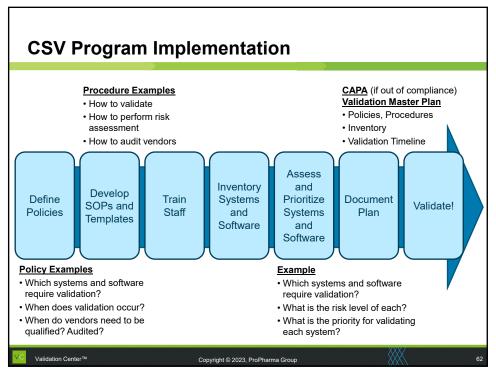


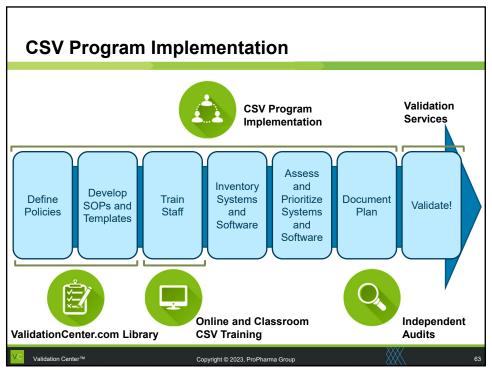
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