Leveraging Historical Data for Better Software Development Estimation

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QSM – Who We Are

Celebrating our 43 Year Anniversary!

Experts in Project Estimation, Tracking, and Benchmarking

- 43 year track record of innovation and success
- Developers of the SLIM-Suite of estimation and metrics tools
- Leading product & services company, thought leader, and research provider
- We help our clients plan and negotiate their project and portfolio development & delivery more effectively, saving big money and time

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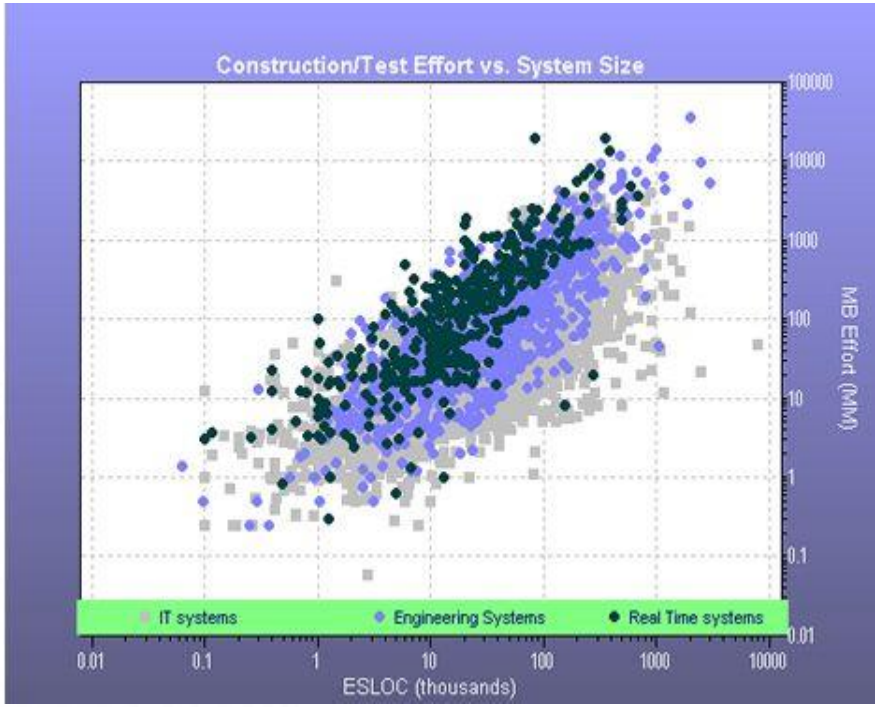
The QSM Industry Database - Over 43 years of Research

- Industry-leading research that validates the SLIM estimation model, over 13,000 completed projects
- Gives us a good understanding of the fundamental relationships
- Provides the latest information on software cost, duration, effort, reliability, team size, and scope, which we leverage to help our clients



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The Software Production Equation- Key to Historical Data Focus

Delivered System Size Is proportional to Effort over Time at some level of Productivity

Value Delivered	Resources Expended	Duration Required	Influenced by Capability and Difficulty of the task

This equation can be re-arranged to solve various estimation problems

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Benefits to Leveraging Historical Data

- Helps uncover strengths and weaknesses for process improvement
- Improves estimation capabilities on in-house & vendor development
- Enhances proposal work and the ability to win business
- Increases negotiating capabilities

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Polling Question- Approximately 1 Minute to Answer

- **What Type of Historical Data are you currently capturing?**

(Please choose as many as apply to you)

  - **Size**
  - **Duration**
  - **Effort**
  - **Cost**
  - **Peak Staff**
  - **None of the above**

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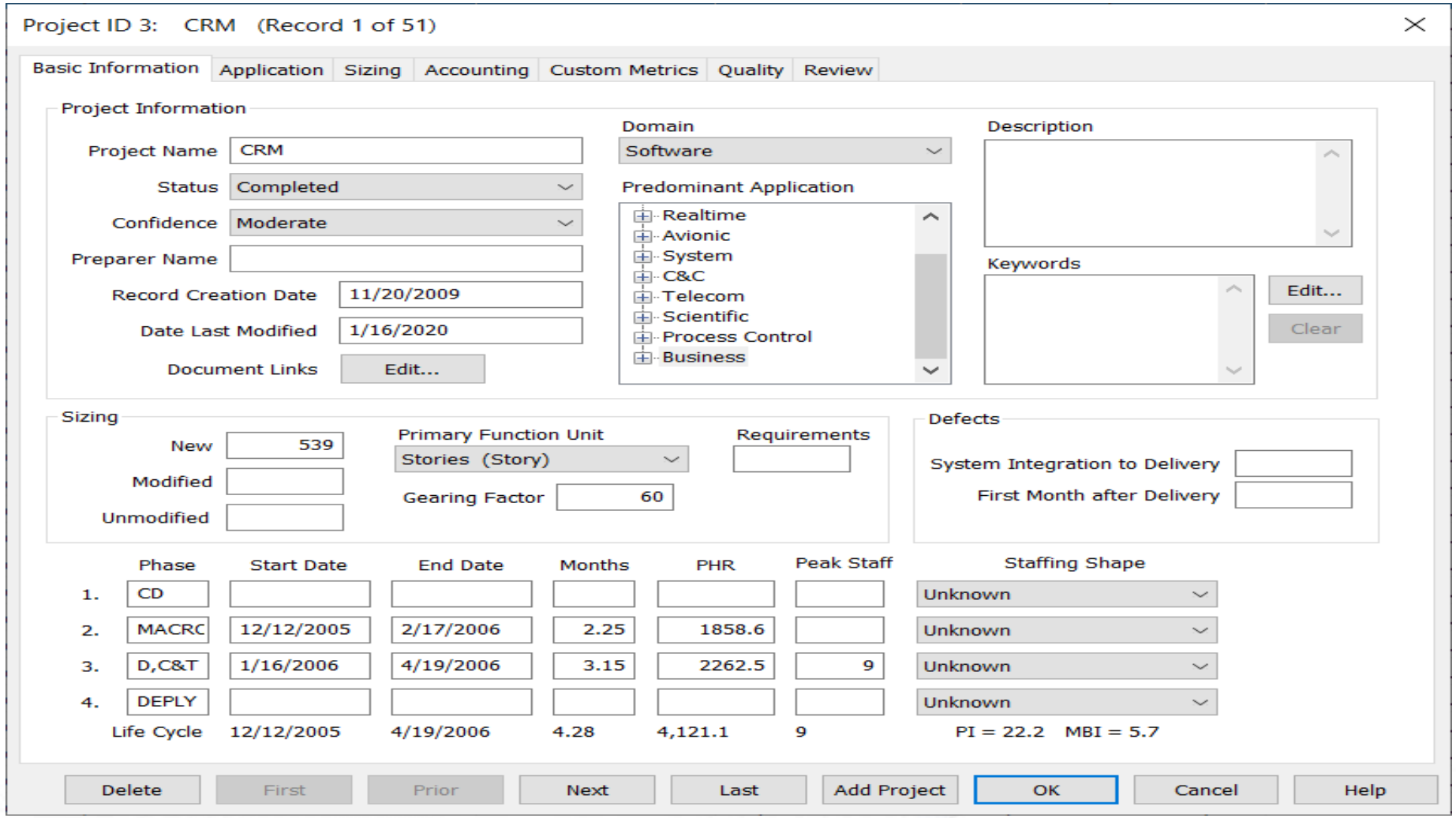
Streamline your Historical Data Focus for Biggest Impact



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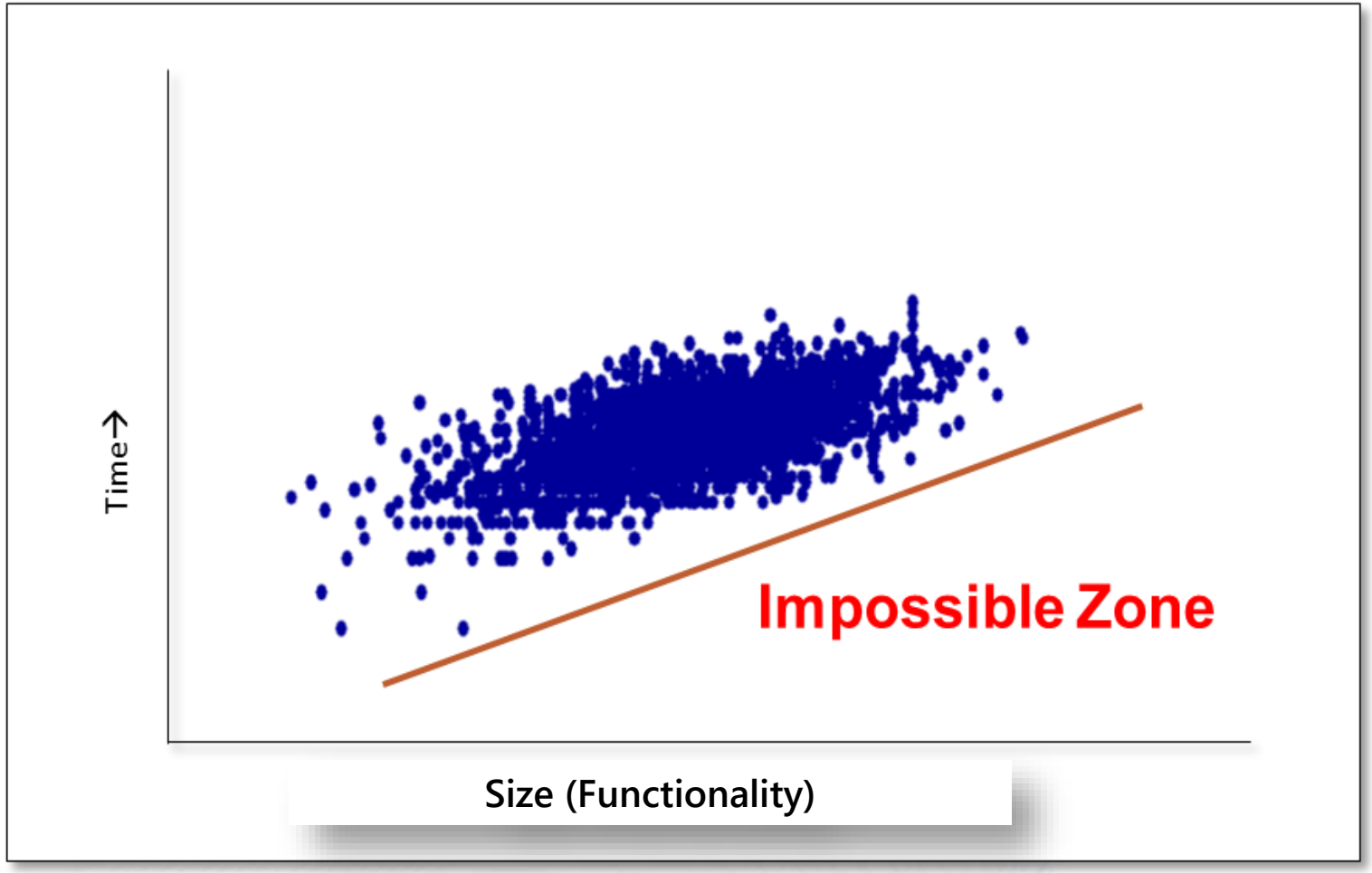
Leverage Historical Data to Negotiate and Understand the "Impossible Zone"



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SLIM Suite for Estimating, Tracking, and Benchmarking

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Pause for Questions

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Questions?

Please feel free to contact me with any questions. Thank you!

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