



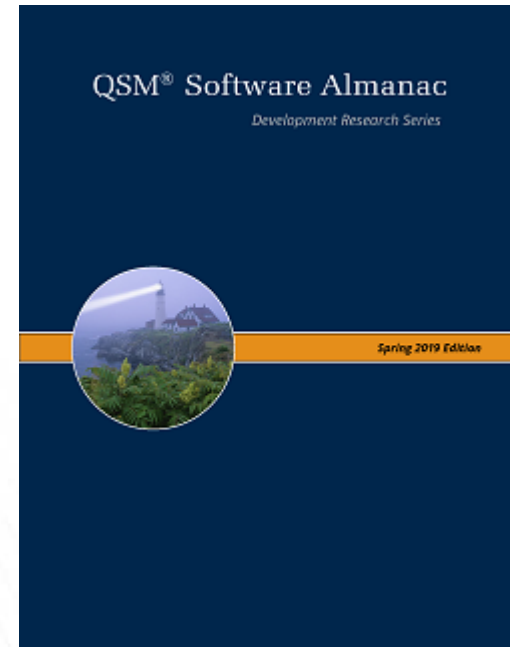
The Intelligence behind Successful
Software Projects

Is Software Estimation Needed When Cost and Schedule Are Fixed?

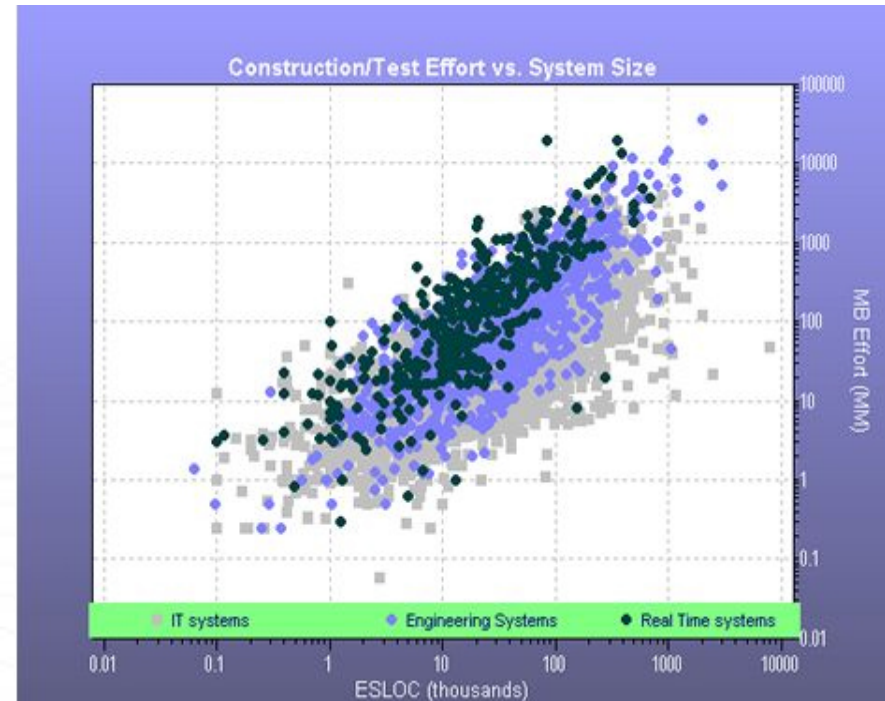
Keith Ciocco
Vice President
Quantitative Software Management, Inc.
www.qsm.com
Keith_Ciocco@qsm.com

- **Experts in the Field of Project & Portfolio Estimation & Metrics**
 - **Pioneers in the software industry with a 41 year track record of innovation and success**
 - **Developers of the SLIM-Suite of estimation and metrics products**
 - **Leading product & services company**
 - **We provide decision making tools & support so our clients can plan and negotiate their project targets**
 - **We focus on top-down estimation. We leverage empirically based models & historical data to figure out the “Big Picture” first, before detailed planning takes place.**

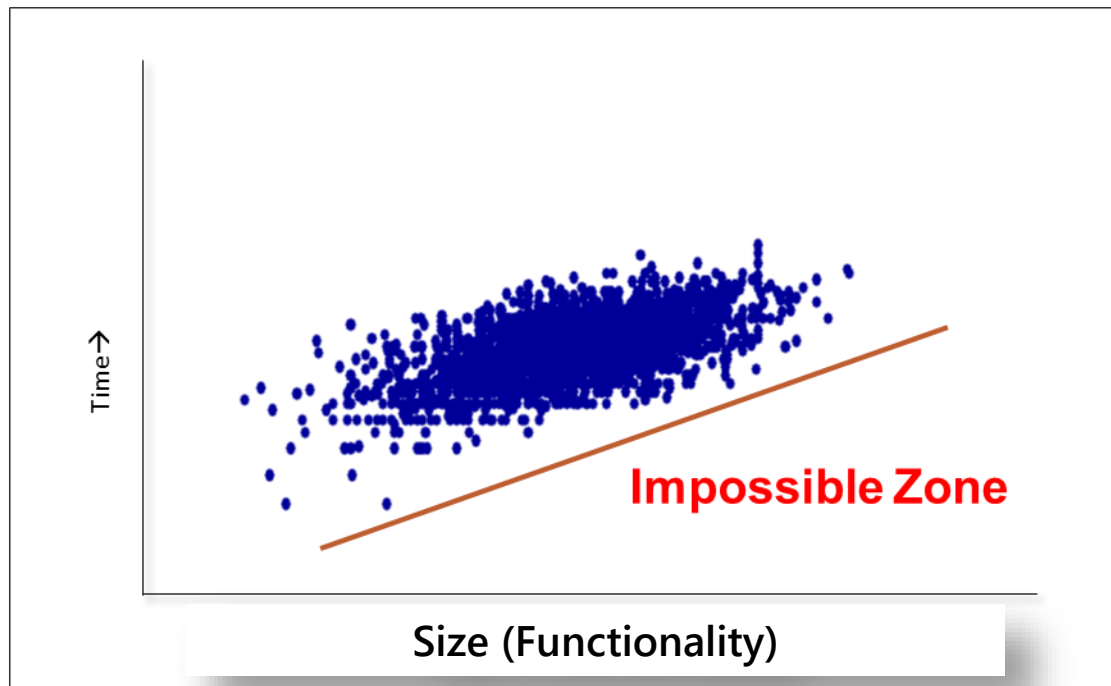
- Major research and development
- We study software projects to analyze relationships in the data to better predict future costs, schedules, & reliability
- We offer personalized customer service, technical support, and training along with flexible SLIM licenses. We can help you with your estimates!
- Time tested from 41 years in Business



- Industry-leading research that validates the SLIM estimation model, over 13,000 completed projects
- Gives us a good understanding of the fundamental relationships at play in software development
 - Provides the latest information on software cost, duration, effort, reliability, team size, and scope, which we leverage to help our clients
 - The data comes from our client partnerships
 - Strict validation process, only information that is consistent and complete is included in the research



- Studying data relationships helps improve estimation & risk management capabilities



Why Is Software Estimation Important when Cost and Schedule Are Fixed?

- Estimation is not just about numbers, it's about communicating too
- Estimation allows Management to validate whether the proposed schedule and budget targets are realistic before detailed planning takes place
- Provides the ability to determine and negotiate how much work can be completed within the fixed parameters
- Determines whether or not the product will be reliable at the proposed delivery time
- Provides the ability to manage the uncertainty that comes with early planning

Reliable Estimation Is Carried out with Empirically-Based Tools & Methods

The Intelligence behind Successful Software Projects

- The SLIM-Suite®
 - Most robust estimating and measurement capabilities on the market
 - Extensive configurability
 - Easily calibrated
 - QSM Industry Trends included



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

Keith Ciocco

Vice President

QSM Inc.

Keith.Ciocco@qsm.com

703-749-3812

www.qsm.com