Garry Roedler is a Principal Systems Engineer with Lockheed Martin Management and Data Systems (M&DS). He has 21 years experience in systems and software engineering processes, analysis, measurement, and teaching. Currently, he is the chairperson of the Systems Integration Process Review Board, focusing on process improvement. He successfully led the Systems Integration organization of M&DS to an unprecedented achievement of Level 5 ratings in 12 process areas of the Systems Engineering Capability Maturity Model.

At the corporate level, Garry represents M&DS on the Systems Engineering Subcouncil. In the subcouncil he is a co-chair of the Joint Process Improvement and Assessment Working Group, project lead for the development of an Integrated Measurement Guidebook, and co-author of four the EPI standards and guidebooks for systems and software engineering processes, risk management, and measurement. Recently, he was assigned to a team of corporate engineering experts to author the Integrated Engineering Process (IEP) standard, which will become a compliance document for all of LMC.

Garry is very active in many of the external standards and technical organizations. In the International Council On Systems Engineering (INCOSE), Garry is a founder, director, and former vice president of the Delaware Valley chapter; co-chair of the Measurement Technical Committee; and co-author of the INCOSE Systems Engineering Measurement Primer. He represents Lockheed Martin and is the Head of Delegation on the US Technical Advisory Group for ISO software and systems engineering process standards. In this role he has been a contributor in the development of ISO/IEC 15939 – Software Measurement Process and ISO/IEC 15288 – System Life Cycle Processes. Garry is also highly active in the Practical Software and Systems Measurement (PSM) initiative, on which he is a member of Technical Steering Group and was the project leader of the Practical Systems Measurement project. Other technical work includes being a member of the IEEE Standards Committee, in which he was part of the development and balloting groups for IEEE P1540 – Software Risk Management. Garry has made numerous presentations at conferences and published several technical papers.

Garry holds degrees in mathematics education and mechanical engineering from Temple University, and has completed extensive graduate work in computer science and business.