

GGI Seminar Series

Metrics Summit

Presented

June 17-19, 2008

Goldense Group, Inc.1346 South StreetNeedham, MA02492Goldense Group, Inc.P. O. Box 350Dedham, MA02027www.goldensegroupinc.com

Phone 781-444-5400 Fax 781-444-5475

MEASURING PRODUCT DEVELOPMENT II

SEMINAR AGENDA & Table of Contents

This document contains privileged TABLE OF CONTENTS PAGE State Of Practice In The Late 20th Century 3 **R&D Productivity In The Early 21st Century** 15 **Pipeline & Capacity Management** 25 **Hurdle Rates 52 Trade-Off Analysis** 64 Break-Even Time [BET] & Time-To-Profit [TTP] 78 87 **Risk & Complexity** Planning, Proactive, & Predictive Metrics [PPP] 102 A Set Of Metrics For R&D 135 Assembling A Set Of Metrics For R&D 148 163 Summary **Bibliography** 171 **APPENDIX A: 1990s Metrics** 174 **APPENDIX B: 1980s Metrics** 179 **APPENDIX C:** Acronym Index 187 **APPENDIX D: GGI Company Profile** 194-200

> Goldense Group, Inc. 1346 South Street Needham, MA 02492 Goldense Group, Inc. P. O. Box 350 Dedham, MA 02027 www.goldensegroupinc.com

Phone 781-444-5400 Fax 781-444-5475

and/or confidential information and is intended only for the use of the addressee. Any reproduction of this document without the express written consent of Goldense Group, Inc. is prohibited.

Copyright © 2005-2008 Goldense Group, Inc. All Rights Reserved.

ISBN 1-932468-41-2



PROACTIVE & PREDICTIVE R&D METRICS

SEMINAR AGENDA & Table of Contents

This document contains **privileged and/or confidential information** and is intended only for the use of the addressee. Any reproduction of this document without the express written consent of Goldense Group, Inc. is prohibited.

Copyright © 1999-2008 Goldense Group, Inc. All Rights Reserved.

ISBN 1-932468-38-2



TABLE OF CONTENTS	PAGE
The Big Picture	3
Advanced Metrics Frameworks	10
Planning Metrics	22
Corporate vs. Project Metrics	47
Proactive Metrics	58
Predictive Metrics	79
Reactive Metrics Become Planning Metrics	139
GGI Company Profile	155
Bibliography	162

Goldense Group, Inc.1346 South StreetNeedham, MA02492Goldense Group, Inc.P. O. Box 350Dedham, MA02027www.goldensegroupinc.com

Phone 781-444-5400 Fax 781-444-5475

PRODUCT DEVELOPMENT METRICS PORTFOLIOS

SEMINAR AGENDA & Table of Contents

Inc. is prohibited.

Goldense Group, Inc. All Rights Reserved.

ISBN 1-932468-39-0

This document contains privileged **SECTION TOPIC** PAGE and/or confidential information and is intended only for the use of the addressee. Any reproduction of PERSPECTIVES **Goal Setting** 3 this document without the express **Effectiveness vs. Efficiency** 15 written consent of Goldense Group, **INFRASTRUCTURES Corporate vs. Project Metrics** 21 Copyright © 2002-2008 **Predictive vs. Reactive Metrics** 28 **SUPERSTRUCTURES Frameworks** 43 **Corporate Metrics 48 Portfolio Management Metrics** 67 **Intellectual Property Metrics** 88 **Capacity Management Metrics** 105 **Product Selection Metrics** 127 June 18 P.M. June 19 Hurdle Criteria 140 **Project Team Contract Metrics** 163 **Project Tracking Metrics** 168 **Functional Metrics** 217 **Cross-Functional Metrics** 221 230 **Improvement Initiatives Metrics** PORTFOLIOS Sizing 234 Assembling 248 Implementing 259 **GGI Company Profile** 270 - 276 277 - 279 **Bibliography**

> Goldense Group, Inc. 1346 South Street Goldense Group, Inc. P. O. Box 350 www.goldensegroupinc.com

Needham, MA 02492 Dedham, MA 02027

Phone 781-444-5400 Fax 781-444-5475