



**Consultancy and Training**

**Leader:** Mr. Has Patel is President of Infologic; Inc. Before founding Infologic, he also worked for Bell Laboratories, Glaxo Smith-Kline Pharmaceuticals, and BP Chemicals.

He has over twenty five years of experience in High-tech venture development, R&D Planning, Business Development, Product Management, and R&D efforts to develop Innovation Management methodologies & tools. Industry expertise includes Aerospace & Defense, Pharmaceuticals, and Software.

His research interests include Innovation Management, Analytics, Technology Transition, and STEM. He holds BS in Mechanical Engineering, and MS in Production Engineering.

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**INFOLOGIC**

The logical approach to harness Innovation

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**Advanced Manufacturing Enterprises:  
Successfully Transitioning R&D and Emerging  
Technologies to Commercial Products**

**Issues Addressed**

The White House report, titled: “A National Strategic Plan for Advanced Manufacturing” states that “.....The acceleration of innovation for advanced manufacturing requires bridging a number of gaps in the present U.S. innovation system, particularly the gap between research and development (R&D) activities and the deployment of technological innovations in domestic production of goods.....”.

In particular, the Small & Medium R&D and high-tech Manufacturing enterprises (SME) fail at bringing external or internal R&D projects and emerging technologies to commercial products. This results into loss of potential markets, profitability and future viability of these enterprises. To address these issues, Infologic conducted research to develop a Manufacturing Innovation Agenda which is introduced in the following paragraph.

| <b>Innovation Agenda Component</b>      | <b>Goals</b>  | <b>Methodology</b>  |
|---|---|---|
| 1: Develop Innovation Culture           | <ul style="list-style-type: none"> <li>Learn an emerging &amp; broader Innovation Management model which also seeks innovations into Services, Process and Execution strategies.</li> <li>Understand relationship between Innovation &amp; Lean.</li> </ul> | <b>iModel™</b><br><br>Innovation Management Model         |
| 2: Prepare Innovation & Technology Plan | <ul style="list-style-type: none"> <li>Learn to leverage Government initiatives</li> <li>Scale Government, Academia and Enterprise R&amp;D and Technology Management tools.</li> <li>Utilize a four-step process to develop the plan</li> </ul>             | <b>TechIP™</b><br><br>Technology & Innovation Plan        |
| 3: Implement and Manage the Plan        | <ul style="list-style-type: none"> <li>Learn to successfully transit R&amp;D into Commercial Products</li> <li>Conduct a CMMI™ based Innovation Maturity Analysis to manage the process.</li> </ul>   | <b>InnovaTE™</b><br><br>Innovative Technology Environment |

**Infologic SMB Services**

Based on the above research efforts and over twenty-five of years’ experience in the Aerospace & Defense, Pharmaceuticals and Software industries, Infologic provides the following services:

- Innovation Assessment & Needs Analysis:** (a) discuss specific issues & challenges for Innovation, R&D, and Technology Scouting & Transfer; and (b) Prepare an assessment and recommendations report.
- Innovation and Technology Scouting and Transfer Consultancy & Training:** (a) train SMBs on the methodologies & processes which are introduced in the Innovation Agenda; and (b) provide consultancy support to implement the Agenda.
- Enterprise Strategies and Processes:** (a) develop strategies and plans to integrate the agenda in to their existing IT infrastructure, (b) develop learning assets and contents for workforce development, and (c) setup Business Analytics to support the Agenda.

These services are based on the Infologic methodologies (**iModel™**, **TechIP™**, and **InnovaTE™**) which were published at a number of R&D and Technology Management conferences.

