# Measuring Risk Management's Value



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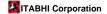
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## What's My Value For Money?

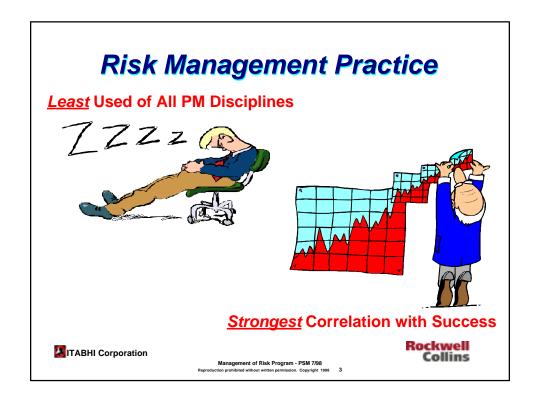


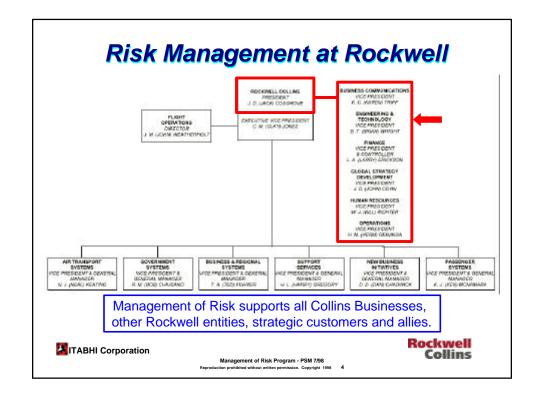
**PROVE IT!!** 

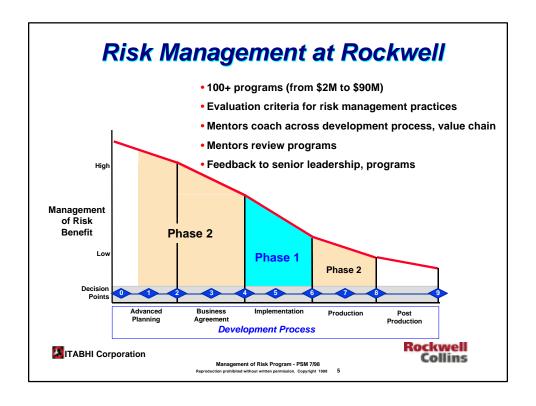


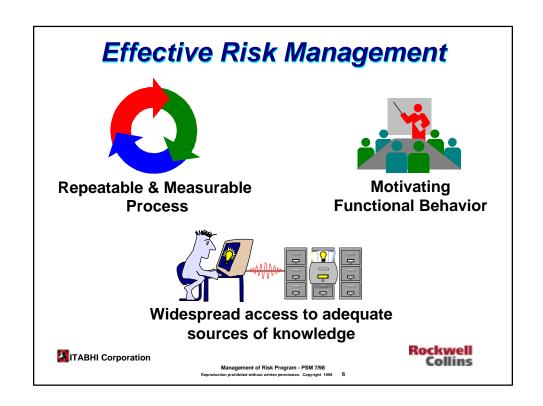
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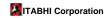








Payback expected @ 5:1 to 50:1



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## **Evaluating Value**



- Indirectly
- Cost Avoidance
- Revenue Preservation
- Revenue Enhancement

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#### **Qualitative Results**

Difficult to track hard value numbers, but value is definitely perceived by:



- Individual Engineers Far fewer crises
- **Program Managers** Superior performance and visibility
- Senior Leadership Greater predictability & forward look
- Rockwell, Customers, Allies More reliable performance



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#### **Quantitative Results**



#### '97 FY Data Shows:

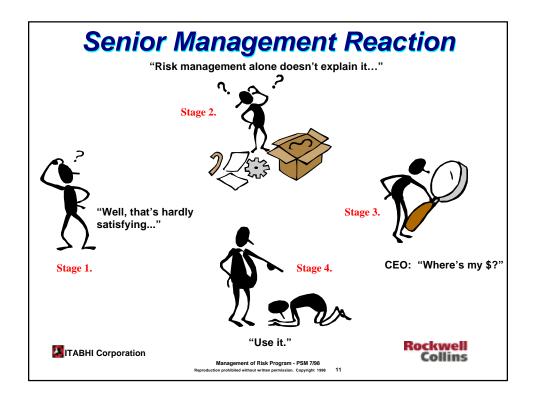
- ★ 17% Cost performance (CPI) delta between green programs & the rest
- ★ 14% Schedule performance (SPI) delta between green programs & the rest
- ★ Data indicate variance reduction in SPI

Conclusion: Programs that practice risk management diligently have best cost and schedule performance.



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## **Lessons of Trapping Value**



- Top-Down Vision
- Bottom-Up Execution
- Middle-Out Application
- Business & Individual Values

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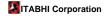
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#### Where To Next? Integrated Risk Management **Framework Risk Application Risk Process** - Planning - Identify - Design - Analyze - Development - Prioritize - Deployment - Monitor - Operation - Control Risk Scope - Software Risk Context - Hardware - Enterprise - System - Organization - Application Domain - Program - Business Environment - Project - Policy / Legislative Rockwell Collins ITABHI Corporation Management of Risk Program - PSM 7/98 tion prohibited without written permission. Copyright 1998 14

## Risk Management & Measurement **Implications**



**Cost Management Performance Management Risk Management** 



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### **Contact Information**



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