### APPLICATIONS HEALTH MONITORING AND MODELING

## ENHANCING MICROSOFT'S DINAMIC SYSTEMS INITIATIVE

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### Agenda

- Problem overview
- Application Health Modeling with VS TS for Architects and AVIcode MP Generator
- Application health monitoring with MOM 2005 and AVIcode .NET Management Pack
- Incident and Problem management process with VS TS and AVIcode TFS Incident Management Connector
- Q&A



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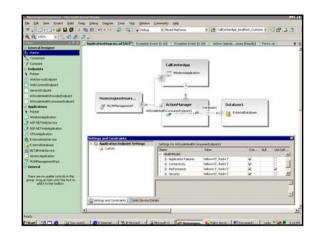
### What Is Needed?

- Processes and tools to implement operational manageability during development
- Collaborative platform that is used by both development and operations
- Standardization of application health monitoring information and integration with existing infrastructure monitoring tools
- Establish feedback of operational incident information to application support systems



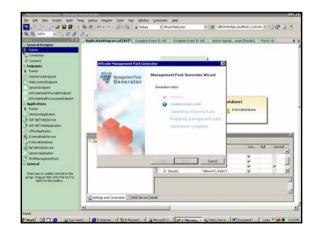
### Platform: Visual Studio Team System and AVIcode Intercept Studio

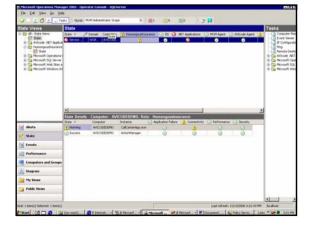
- Visual Studio Team System (VSTS) provides a collaborative platform
  - Modeling infrastructure
- AVIcode Intercept Studio provides a .NET monitoring platform
  - Integration with MOM 2005 and Team Foundation Server



### Standardization: Model-Based .NET Management Pack Generation

- Management pack interprets information collected by AVIcode .NET monitoring infrastructure
- Provides view into application health state transition
  - Performance
  - Security
  - Connectivity
  - Application failures





# Feedback: Application Support Process

- AVIcode TFS Incident Management Connector creates work items for every unique operational defect
- Operational defect contains the root cause information collected by AVIcode Intercept Agents

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- AVIcode .NET Management Pack is available for download from Microsoft Web site:
  - <u>http://www.microsoft.com/downloads/details.aspx?</u>
     <u>FamilyId=773CD14A-5763-4739-B775-81416C831846&displaylang=en</u>
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