

APPLICATIONS HEALTH MONITORING AND MODELING

ENHANCING MICROSOFT'S DYNAMIC SYSTEMS INITIATIVE

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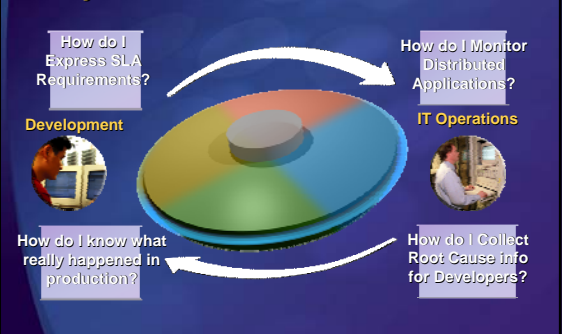
Agenda

- 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

Application Challenges Span the IT Life Cycle...



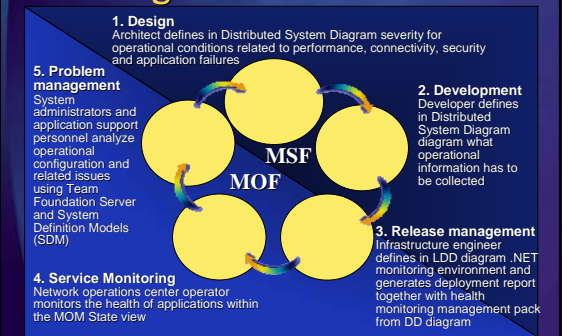
Knowledge Across The Application Lifecycle



What Is Needed?

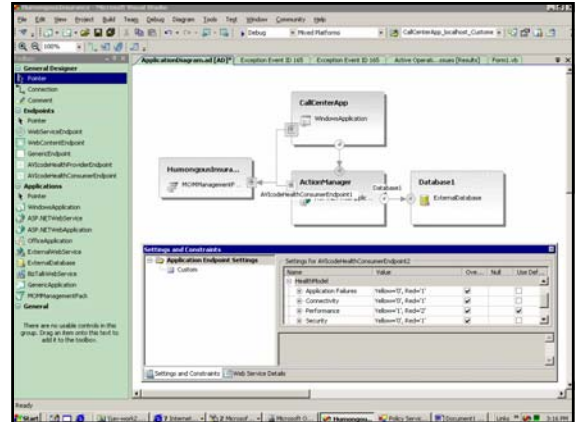
- **Processes** and tools to implement operational manageability during development
- Collaborative **platform** that is used by both development and operations
- **Standardization** of application health monitoring information and integration with existing infrastructure monitoring tools
- Establish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

Process: Health Modeling and Monitoring



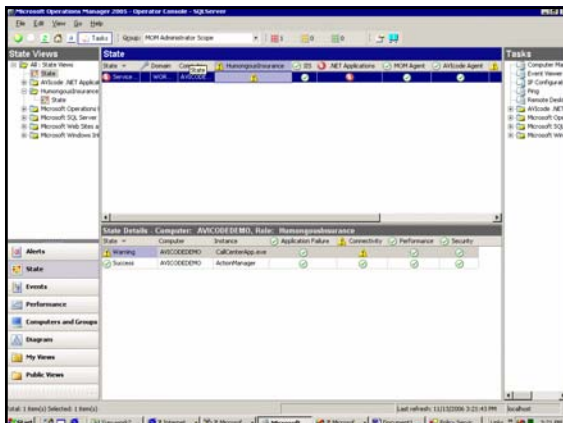
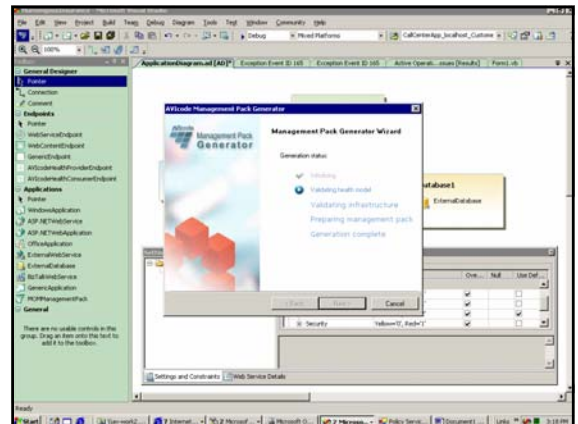
Platform: Visual Studio Team System and AVIcode Intercept Studio

- 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

