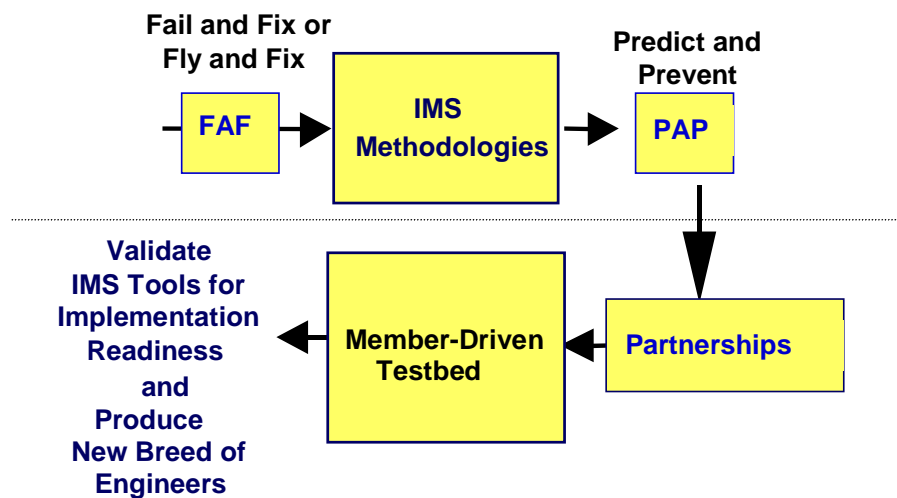
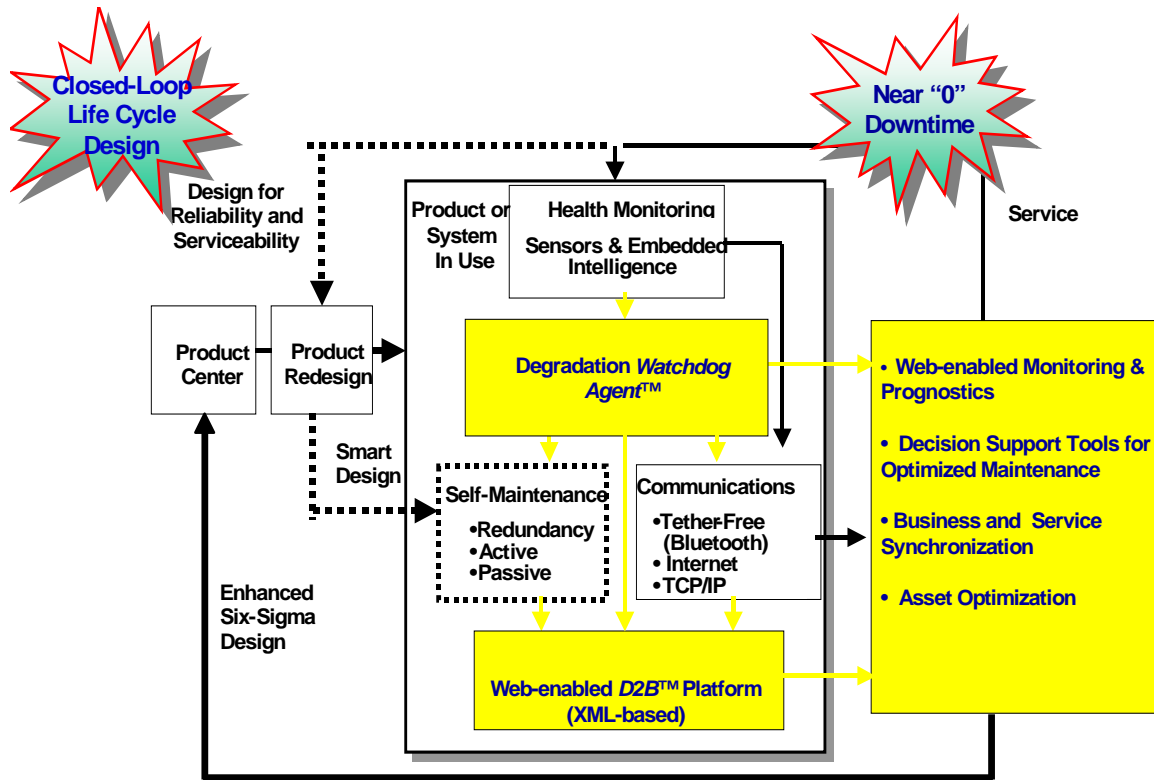


IMS Mission and Vision

Its **mission** is to serve as a center of excellence for the creation and dissemination of a systematic body of knowledge in intelligent e-maintenance systems and ultimately to impact next-generation product, manufacturing, and service systems with six-sigma quality. The Center serves as a catalyst as well as enabler to assist company members to transform their operation strategies from today's "Fail-to-Fix/Fly-to-Fix (FAF)" to "Predict-and-Prevent (PAP)" performance. The Center brings value to its members by validating high-impact emerging technologies as well as by harnessing business alliances through collaborative testbeds.



The **vision** for the Center for Intelligent Maintenance Systems is to enable products and systems to achieve and sustain near-zero breakdown performance, and ultimately transform maintenance data to useful information for improved closed-loop product life cycle design and asset management. The Center is focused on frontier technologies in embedded and remote monitoring, prognostics technologies, and intelligent decision support tools and has coined the trademarked Watchdog Agent prognostics tools and Device-to-Business (D2B) infotronics platform for e-maintenance systems.



Watchdog Agent and Device-to-Business (D2B) are Trademarks of IMS Center