The Agile Software Development Lifecycle for Large Scale Enterprises

### Top 10 key success factors for agile transformation

1. **Cultural Change** (Understanding the nature of agile)
2. **Top-down buy-in and commitment across the organization**
3. **Communication of vision and alignment**
4. **Empowerment of people**
5. **Transparency about the transformation**
6. **Self-organized, cross-functional teams**
7. **Learn and accept failure, but fail fast**
8. **Decentralized decision making**
9. **Continuous inspection and adoption where necessary**
10. **Train everyone**

### Roles

- **Product Owner**
  - Setup: owns
  - Define: owns
  - Development: supports
  - Scrum Master: supports

- **Development Team**
  - Setup: owns
  - Define: owns
  - Development: supports
  - Scrum Master: supports

- **Scrum Master**
  - Setup: owns
  - Define: supports
  - Development: supports
  - Scrum Master: supports

### Agile Core Processes

- **Strategy & Vision**
  - Product Roadmap
  - Team Setup

- **Preparation**
  - Initial Product Backlog Decomposition
  - Initial Release Planning
  - HL System Architecture
  - Prepare Project Infrastructure

- **Sprints**
  - Sprint Preparation
  - Sprint Execution
  - Sprint Test Execution
  - Sprint Retrospective

- **Releasing, Acceptance & Feedback**
  - Integration Planning
  - Sprint Planning

### Implementation & Development Testing

- **Fine Planning & Technical Design**
  - Integration Testing

### Delivery Processes

- **Setup**
  - Define
  - Development
  - Scrum Master

- **Production**
  - E2E Test
  - Sign-Off
  - Production Deployment

- **Closure Activities**
  - E2E Test Execution
  - Sign-Off
  - Production Deployment
  - Closure