CMMI. DEVELOPMENT | Battlecard

Value Proposition

Improves an organization's capability to develop quality products and services that meet the needs of customers and end users..

Target Audience

Organizations that develop products, components, and services.

Audience Pain Points:

- Cost Overruns
- High defect rates
- Missed deadlines
- Constantly reinventing the wheel
- Incorrect version released to customer

Key Benefits

- Increase quality
- Reduce cost
- Improve time-to-market
- Improve product lifecycle management
- Gain organizational agility

Relation to Government Mandates, Standards and Methodologies

- Agile development
- DevSecOps
- Secure Design and Coding
- LifeCycle methodologies (Waterfall, Rapid Prototyping, etc.)

Proof Points

- 30% Reduced defect rate (average)
- 15% Improved development productivity (average)
- 10% increase in overall efficiency
- Version deployment cycle decreased from 1+ days, to 1.2 hours.
- **Hangzhou Pailie Case Study**
- **Whale Cloud Case Study**
- **Hitachi Rail Case Study**

Practice Areas

- **Product Integration:** Increases customers' satisfaction by giving them a solution that meets or exceeds their functionality and quality requirements.
- **Technical Solution:** Provides a cost-effective design and solution that meets customer requirements and reduces rework.

Differentiators

- With its open architecture, CMMI not only works well and easily integrates with other standards and frameworks, it enables them to be more useful and effective for building capability and improving performance
- The CMMI has been and continues to be applicable to a broad range of organizations, domains, technologies, or contexts.

Why Adopt Multiple Domains?

- Multiple domains in a single appraisal event will yield cost and resource savings.
- Provides the opportunity to look beyond a single domain to where there is overlap in the Organizational Unit's (OUs) processes to add continuous improvement value and identify the opportunity for further process integration.
- Enables appraisal teams to more easily understand and see how processes are performed in the OUs, projects, and organizational support functions (OSFs).
- Model scope with multiple domains reflect how work is performed across industries, geographies and OUs.

"CMMI Development helped the entire organization understand how processes have a direct impact on performance and the achievement of business goals. It represents a shift in Hitachi Rail's approach to quality and generates positive work habits - pushing managers and engineers to leverage greater insight into the effectiveness of internal practives and models and identify the necessary corrective actions."

— Alfredo Drago, General Manager, Global Signalling - Rail Control, Hitachi Rail