Shared Hyper Automation Application & Infra Management Services

O&G Continues..

COVID -19 has unprecedented impact on Oil & Gas Industry and It needs to focus on Rapid Cost Reduction

Keeping Oil & Gas Organizations Resilient through the COVID -19 Crisis

Urgently deploy effective cost take-outs in all operational components

Strategically Re-design your cost structure to be Poised for fast recovery & Beyond

We will help you in Rapid Cost-Out with Shared & Hyper Automation Solution:

CENTRALIZED SERVICE MGMT. PLATFORM
includes comprehensive Service Catalogue and accurate CMDB as the heartbeat and one-stop shop of the intelligent operations environment

HYPER-AUTOMATION & ORCHESTRATION
simplifies, standardises, & secures systems & environment provisioning across technology services from applications to infrastructure, leveraging on top of a Software Defined Data Centre

BUSIENSS PROCESS LED SLAs
IT –Business service expectation alignment and visibility into cross – functional business processes and assessment of impact on Business

EXPONENTIAL SAVINGS 50%

ACTIONABLE INSIGHTS & PREDICTIVE SERVICES
enables Service operators and customer to address potential failures through predictive analytics improving Mean Time Between Failure (MTBF)

SERVICE INTEGRATION APIs
to enable efficient integration and simplify the process of on-boarding or off-boarding Technology Services or Service Providers
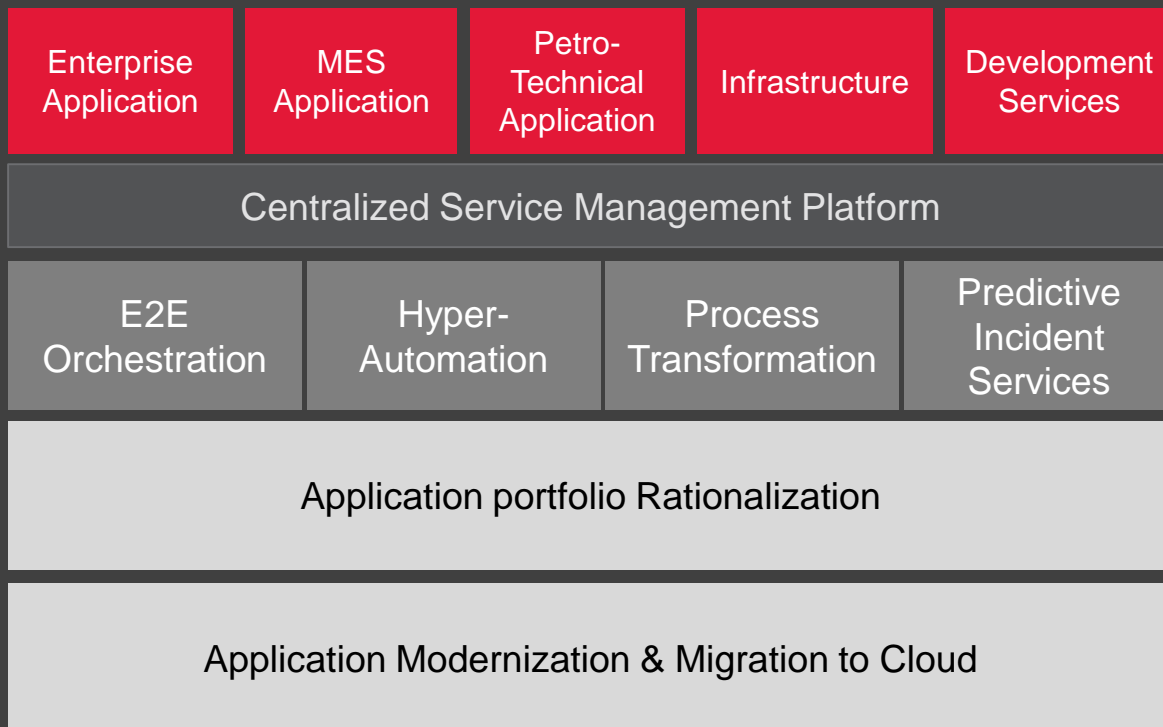
APPLICATION MIGRATION & MODERNIZATION
Moving application on cloud, modernize and could enablement, Cloud Wrapper development

APPLICATION PORTFOLIO RATIONALIZATION
Replace, Retire, Retain, Reform Methodology to optimize the Application portfolio landscape

Latest IT OPS models are as good as old …

CMDB data Quality assessment, enhancement and management	Shared Delivery Model and Productivity/ FTE Improvement
AIOps –Intelligent Operations with Splunk & Tactix Tools	Predictive events co-relations and auto resolve. Proactive Incident resolution. RPA based self-healing.

Enterprise Application	MES Application	Petro-Technical Application	Infrastructure	Development Services

Centralized Service Management Platform

E2E Orchestration	Hyper-Automation	Process Transformation	Predictive Incident Services

Application portfolio Rationalization

Application Modernization & Migration to Cloud

Integrated & Intelligent IT Support, Maintenance & Development

Enterprise Applications	MES Applications	Petro technical Applications	Infrastructure	Development
• SAP • IFS • Microsoft Dynamics • CRM • SCM • Documentum • Collaboration Apps • Customer Apps • Primavera • SharePoint • Salesforce CRM • BPM • Engineering Applications	• Aspentech • Spiral • OSI PI • Honeywell PHP • Honeywell OM • Meridium, Aveva • LIMS –Labware • Aveva Romeo, Prizm • TAS softwares • Envision Simulator • Intelatrac • Honeywell AEA • Honeywell eLogBook • PI Process Apps • PI Processbook • Marine Demurrage Calculations	• WellView • ProSource • Petra • OpenWorks • Geolog • Petrel • GeoFrame • OpenWells • Generwell • Petex Suite • P2ES Production • Bablefish • Stonebond • Tieto Production Suite	• EUC • DC & Server • Network Services • Cloud • Security • Database Admin-Oracle 11i, HANA, SQL server • Patch Monitoring • Application Operations Monitoring • Infrastructure Monitoring	• Native Mobile Apps development –Coni • .NET /Java /Php /HTML • SAP Configuration • ABAP Development •

Shared & Hyper-automation Model for Rapid Cost Takeout
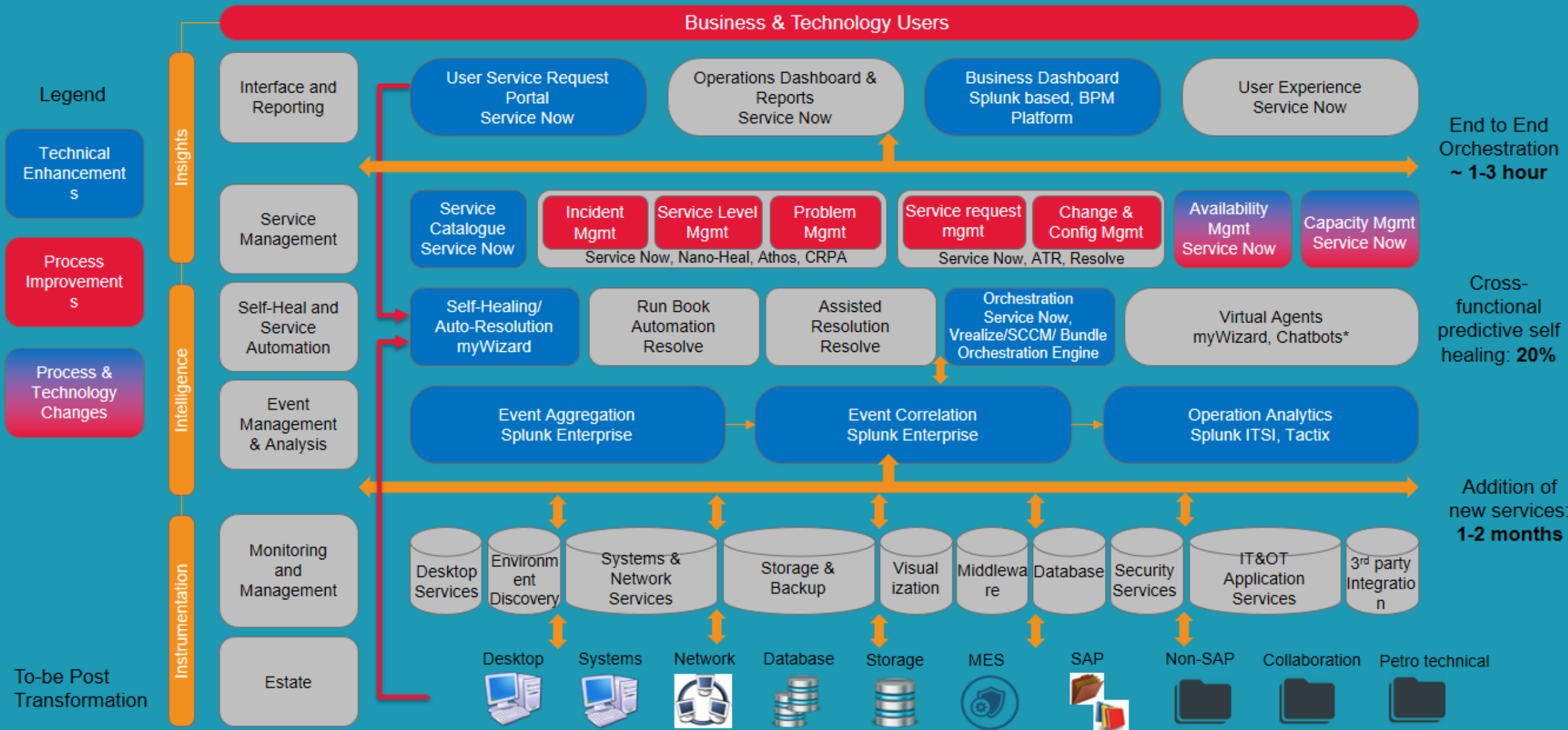
Hyper-Automation AMS

Transition
(4-6 Weeks)

Free Due Diligence
Free Transition Services

- Knowledge Acquisition
- Shadow
- Reverse Shadow
- SLO
- CMDB & KEDB, FAQ automation
- Infrastructure/Tools Set-up
- Tools Integration & Implementation
- Process Documentation

Steady State
(3 years)

Integrated Service Delivery Model leveraging Hyper-Automation

- L1 & L2 Integrated Shared Support
- AI/ML → NLP_Text Analytics
- AIOPS -> Predictive Monitoring
- RPA –L1Tickets Auto Resolve
- E2E Orchestration layer
- Business Outcome led SLAs
- Year 1 to 3 -20% continuous improvement
- 40 hours & below -> Minor Enhancement

- >40 hrs. major enhancements
- L3 OEM –Co-ordination Model & Auto-Routing
- L3 Development services Factory Model

Transformation
(2 Months)

Lean & Optimized IT Portfolio aligned to business outcomes

- Application portfolio Rationalization
- Application architecture analysis
- Application Modernization
- Application Migration to cloud
- infra virtualization
- Network Optimization
- WAN, Server Load Balancing
- Server Power Optimization
- Cloud infra provisioning services

For more information connect with us at:

www.techmahindra.com | vbuoilandgas@techmahindra.com

Tech Mahindra

www.techmahindra.com
connect@techmahindra.com
www.youtube.com/user/techmahindra09
www.facebook.com/techmahindra
www.twitter.com/tech_mahindra
www.linkedin.com/company/tech-mahindra