HCL CLOUD TRANSFORMATION FRAMEWORK

**Planning & Analysis**
- Pre-Migration
  - Cloud Readiness Assessment
  - Cloud Transformation Roadmap
  - Cloud Architecture & Methodology
  - Cloud Governance Set-up
  - Cloud Assessment Report & Migration Plan

**Provisioning**
- Migration
  - Detailed Cloud Transformation Assessment & Migration Planning
  - Cloud Development Platform (PaaS), CI/CD and tools set-up
  - Migration Needs
    - Technology Migration
    - Platform Migration
    - App. Server Migration
    - Middleware Migration
  - Migration Approach
    - Lift & Shift
    - Remediation
    - Transformation
    - Retire/Retain
  - Testing & Certification
  - Production Deployment
  - Hyper-care Support
  - Cloud and Non-Cloud Application Integration
  - Parallel Runs of Applications
  - Decommission Farm

**Operations**
- Post-Migration
  - Knowledge Transfer & Handover to Support
  - Decommission Farm Support
  - Application/Environment Monitoring
  - Operations Support, Metrics & Reporting
  - Parallel Runs of Applications
  - Operational Intelligence and Continuous Improvement

**Cloud Program Management, Governance & Innovation**
PLANNING & ANALYSIS: WHAT IS HCL DIGITAL PRIZM AND WHY?

- **Insight into Business Processes**
  - What are my key business processes?
  - What are my key applications that support my key business processes?

- **Cloud Migration Strategy and Plan**
  - How Can I proceed with Cloud Migration of my applications?
  - How is my infrastructure related with my applications and business processes?

- **Digital Prizm**
  - How Can I maintain a check on TCO of my applications?
  - How do I know the cloudability of my key applications?

- **Application Landscape**
  - How Can I proceed with Cloud Migration of my applications?
  - What key applications support my key business processes?

- **Cost, Risk and ROI Analysis**
  - How Can I maintain a check on TCO of my applications?

- **Infrastructure Topology**
  - How is my infrastructure related with my applications and business processes?
PLANNING & ANALYSIS: HCL DIGITAL PRIZM TOOL

HCL Digital Prizm Tool

- Infrastructure Topology
- Technical Quality
- Migration Complexity
- Cloudability
- Total Cost of ownership, ROI and Risk

HCL Questionnaire Template

Automated Data Discovery

HCL Confidential

Analysis Report

- Cost, Risk and ROI
- Application Technology Spread by Business Criticality, OS & DB
- Application Spread by Architecture Type
- COTS vs Custom Distribution
- Database Technology Distribution (by number of DB instances)
- Application Data Sensitivity
- Application Spread by Integration
- App Spread by Org Unit (Process Area --> Applications)
- Obsolete Apps (based on old technologies)
- App Architecture Type by App criticality

Recommendation Report

- Migration Approach
- Migration Order
- Target Platform
- What-If Analysis
- Target Topology
- Service Model
- Treatment Plan

Migration Project Plan

HCL Cloud Consultants - To validate the information
### PLANNING & ANALYSIS: HCL DIGITAL PRIZM TOOL FEATURES

<table>
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<tr>
<th>Feature</th>
<th>Description</th>
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<td>Machine learning based assessment tooling</td>
<td>Cloud assessment is a Classification problem</td>
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<td>Data collection mechanisms</td>
<td>Automated using Data Discovery Tools</td>
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<td>Extensibility - Plugins to CMDB and EA tools</td>
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<td>Analysis reports</td>
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<td>Recommendation reports</td>
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<td>What-if Analysis</td>
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<td>Migration Project Plan</td>
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<td>Responsive Web Design principles</td>
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- **Prediction Models and Statistical Analysis**
  - Manual data gathering
  - Integration with EA tools like Iteraplan
  - Technical, Functional and Infra analysis
  - Target Topology
  - Migration Project Plan
  - Cost based
  - Migration Project Plan
  - Treatment Plan
  - Wave based
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Program Management Services

- **Program Assessment**: Assess, review and revive on-going programs. Detect critical issues and take timely actions.
- **Program Set-up**: Initiate programs at the right note. Reduce cost, effort and time. Ensure business benefit alignment.
- **Independent Program Management**: End-to-end accountability of critical programs. Program delivery as per business objectives, budget, effort, schedule.
- **Program Management as Managed Services**: Allow customer critical program resources to focus on high impact tasks. Flexible resourcing model based on engagement needs.

PMO Services

- **PMO Asessment**: Review of current PMO processes and functional areas and create future process roadmap.
- **PMO Set-up**: Set-up Enterprise PMO or program/project specific PMO. Robust governance and standardized processes, templates.
- **PMO Support**: Professionals to manage/ support PMO across functions and processes. Flexible model based on engagement needs.
- **PMO as Managed Service**: End-to-end accountability of PMO to achieve organization goals. Planning, monitoring and reporting across portfolio.