Application Delivery with Micro Focus

1. **Product/Portfolio Management**
   - Record business demands and ideas, align with strategic priorities, track actual costs, and collectively manage projects with Project & Portfolio Management (PPM) to ensure projects are delivered on-time and on-budget.

2. **Agile, DevOps and Lifecycle Management**
   - Manage backlogs, user stories, requirements, defects, and overall quality coupled with real-time collaboration, cross-project visibility, and insights. Use ALM Octane for lean, Agile and DevOps, and ALM/Quality Center for traditional management.
   - Configure and maintain integrations using Micro Focus Connect as an extensible framework.
   - Reuse requirements with Dimensions RM to manage change across tools, teams and releases for complex development projects.

3. **Development (IDE)**
   - Tasks appear inside the developer’s IDE. A developer works on a task to start working on it, implements the code, and pushes the changes to a Source Code & Configuration Management (SCCM) system.

4. **Source Code & Configuration Management**
   - All code, tests and configuration changes are maintained in the SCCM. Enable developers to use their preferred Git client with Dimensions CM and support multiple disparate Git repositories within a centralized and highly secured back end repository.

5. **Continuous Integration (CI)**
   - The CI server monitors the SCCM tool, and whenever it detects that code has been pushed, it triggers a new build, deploys it on a test platform and runs tests on it. The build status and its results are synced with ALM Octane and ALM/Quality Center for traceability and analysis.

6. **Continuous Testing**
   - Automated tests are part of the CI process and are run across various operating systems and configurations, including:
     - **a. Functional Tests**
       - Automated functional tests are run by Micro Focus' Functional testing solutions using the on-demand lab for mobile and web tests, and leveraging existing open source scripts.
     - **b. Performance Tests**
       - Large-scale, cloud-based multi-technology performance tests are run by Micro Focus' Performance testing solutions to detect performance bottlenecks early in development, while leveraging existing open source scripts.
     - **c. Security Tests**
       - Security is embedded in the CI process through static and dynamic analysis with Fortify, to help catch security vulnerabilities before they make it into production.

7. **Continuous Delivery (CD)**
   - Streamline deployments with drag-and-drop process design, orchestrate complex deployments and fully align deployment and testing across multiple application pipelines with Deployment Automation.

8. **Release Orchestration**
   - Use Release Control to track, co-ordinate, orchestrate and govern all aspects of enterprise IT delivery. Seamlessly integrate and gain visibility into Planning, Development, Testing, Deployment and Operations from a single point of process control.

9. **Environment Provisioning**
   - Design, deliver and manage hybrid environments using any cloud, container or infrastructure to streamline delivery using Hybrid Cloud Management. Easily create realistic simulations using Service Virtualization and Network Virtualization.

10. **Service Management**
    - If an issue arises in production, users can open support tickets with Service Management Automation (SMA), which are entered as defects in ALM Octane for subsequent investigation and resolution by the application delivery team.

11. **Service Reliability**
    - Applications in production are continuously monitored for user experience and performance issues. Production insights from Operations Bridge and Application Performance Management are fed back to the team to help them optimize testing, tune performance, and pro-actively detect and resolve issues.