

Product Requirements Document (PRD) – MCP Cloud Analytics Dashboard

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Confidentiality: Internal Use Only

1. Purpose

The MCP Cloud Analytics Dashboard is designed to provide enterprise customers with a single-pane view of cloud resource usage, cost breakdown, and performance metrics in real time.

2. Scope

This PRD covers:

- The dashboard UI components
- Data integration requirements
- Non-functional performance standards

3. User Personas

- IT Manager:** Needs real-time status updates
- CFO:** Requires monthly cost analysis
- DevOps Engineer:** Monitors performance trends

4. Functional Requirements

ID	Feature	Description	Priority
F1	Login & Role-based Access	Authentication via SSO	High

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F2	Resource Usage Graphs	Visualize CPU, Memory, and Storage usage	High
F3	Cost Analysis Module	Breakdown by service, region, and project	High
F4	Custom Alerts	Threshold-based notifications	Medium
F5	Export Reports	PDF/CSV formats	Medium

5. Non-functional Requirements

- **Performance:** Page load under 3s
 - **Availability:** 99.9% uptime
 - **Security:** Compliance with ISO/IEC 27001
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6. Assumptions & Dependencies

- Relies on MCP Cloud API v2.0
 - Customer account hierarchy must be in place
 - Data refresh interval: every 60 seconds
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7. Success Metrics

- User adoption rate within first 3 months $\geq 75\%$
 - Average session length ≥ 5 minutes
 - Reduction in monthly support tickets by 20%
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8. Appendices

- Wireframes (see attachments)
- API reference links