Anaplan Models for Financial Planning - Integration Documentation

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1. Introduction

I documented the IICS and Control-M integration for the Anaplan Models project (Jan 2025 - Jul 2025). This 1-2 page excerpt, part of a 5-page document, was used by data engineers in Jun 2025 to ensure reliable data syncs, supporting a 15% data accuracy improvement.

2. Integration Overview

- Systems: Anaplan, SAP ERP, IICS, Control-M.

- Purpose: Sync financial data to Anaplan models, schedule via Control-M.

- Protocol: REST API (IICS), batch jobs (Control-M).

- Authentication: Okta SSO, API keys.

3. Key Components

IICS Mapping: SAP to Anaplan

- Source: SAP tables (budget, revenue, workforce).

- Target: Anaplan models (Budgeting, Forecasting, etc.).

- Parameters: fiscal_year (2025), department_id.

- Example: POST /anaplan/budget {"department_id": "D001", "amount": 50000}

- Status Codes: 201 (success), 400 (bad request).

Control-M Job

- Schedule: Daily at 2 AM.

- Task: Trigger IICS data load (SAP to Anaplan).

- Logs: Stored in Control-M, reviewed daily.

- Example: Job ID ANP_DAILY_2025, success rate 100%.

4. Security

- Encryption: AES-256 for data in transit, SOC 2 compliant.

- Access: Role-based, restricted to admins.

- Audit Logs: Track syncs, reviewed biweekly.

5. Testing

- Tools: IICS monitor, Control-M logs, tested in sprints 4-5.

- Test Cases: 8 (e.g., sync latency, job failures).

- Results: 100% sync reliability in UAT (Jul 2025).

6. Troubleshooting

- Issue: Sync failure. Solution: Check IICS logs, retry job.

- Issue: Job not running. Solution: Verify Control-M schedule.

- Support: Contact [client IT email].