**Preliminary Integration Architecture Concept**

**Project:** Mobile Money Platform Integration for ATelco  
**Date:** [Insert Date]  
**Prepared By:** Solutions Architecture Team

**High-Level Architecture Components**

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| Mobile Network Core | <---> | Mobile Money APIs | <---> | Odoo ERP & OSS/BSS |

| (ATelco Telecom Ops) | | (M-PESA, Airtel) | | Billing, CRM, Finance |

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| Network Element Mgmt | | Payment Gateway & | | Data Warehouse & BI |

| (NEM) & Mediation | | Middleware Layer | | for Reporting & Fraud |

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**Key Integration Points**

* **Mobile Network Core:** Sends usage and customer data to OSS/BSS.
* **Mobile Money APIs:** Expose payment and wallet services; real-time transaction callbacks.
* **Middleware Layer:** Handles API orchestration, security (OAuth 2.0, TLS), retry logic, and data transformation.
* **ERP System:** Receives transaction data for billing, accounting, and customer service.
* **BI & Reporting:** Monitors transaction patterns, fraud alerts, and regulatory reporting.