V-Electronics: Revolutionizing Smart Device Management

Phase 8: Data Management & Deployment

This phase dealt with handling **large data volumes** and deploying configurations from one Salesforce environment to another.

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1. Introduction

Salesforce projects rely heavily on smooth data management for migration, backup, and quality. Similarly, deploying metadata across sandboxes and production requires standardized tools.
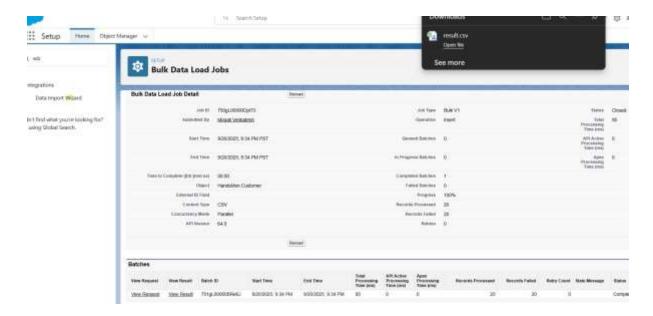
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2. Objectives

- To migrate and cleanse data securely.
- To ensure proper deployment processes across environments.
- To establish backup and restore mechanisms.

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3. Detailed Description of Contents

Data Import Wizard

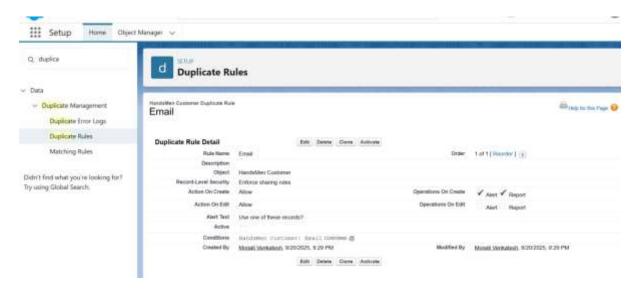- Imported small data sets like customer lists and product catalogs.

Data Loader

- Used for bulk data operations (e.g., migrating 50,000+ order records).

Duplicate Rules

- Created rules to prevent duplicate customers (by phone/email).

Data Export & Backup

- Scheduled weekly data exports for backup.

Change Sets

- Deployed customizations between sandboxes and production.

Unmanaged vs Managed Packages

- Used unmanaged packages during dev phase; explored managed packages for AppExchange..

4. Deliverables

- Clean and consistent datasets.
- Sandbox-to-production deployments with change sets and SFDX.
- Backup mechanisms ensuring data recovery.

5. Conclusion

This phase strengthened **data governance** and ensured smooth transitions from development to production environments.