Secure & Simplify Your Dynamics 365 Environment Copies

Customer Challenge Overview

When copying data from any Dynamics 365 Finance & Supply Chain Management environment, data security, privacy, and configuration integrity are paramount. Clone Commander addresses these challenges by automatically obfuscating and modifying sensitive information—such as email addresses, personal identifiers, or confidential business data—while preserving critical environment-specific settings like integration endpoints, security roles, and other custom configurations.

As a native D365 ISV solution, Clone Commander runs either manually or automatically immediately following an environment copy. It identifies and masks sensitive data based on easily configurable rules, all while safeguarding your system's essential parameters—ensuring your development, testing, or training processes remain both realistic and secure without disrupting vital integrations or security measures.

Many organizations want to refresh environments often or test new features thoroughly, but the standard process for moving data between environments can be time-consuming and risky—causing most to only refresh when absolutely necessary. If this resonates with you, you will find Clone Commander indispensable. By eliminating the exposure of real customer or corporate data, you can confidently comply with privacy regulations (GDPR, CCPA, HIPAA, CJIS) while freeing your teams to focus on high-value activities. Backed by deep D365 F&SCM expertise, Clone Commander offers proven, future-ready technology that simplifies environment management, boosts user confidence, and accelerates testing cycles.

In addition, Clone Commander streamlines the setup of UDE dev boxes by enabling quick, secure provisioning of production data for development and testing. It eliminates the manual overhead of configuring environments, allowing developers to work with realistic data sets right away. It also accelerates D365 implementations and deployments by making it easy to reset test systems from gold configurations or data migration tests, ensuring a reliable starting point for iterative development and user acceptance testing.

Through robust data obfuscation and comprehensive environment configuration preservation, Clone Commander helps you maintain a secure, compliant test environment that mirrors real-world conditions—empowering your organization to innovate faster and more securely.

Key Features

1. **Automated Data Obfuscation**
   a. Replace customer email addresses and personal information with dummy data.
   b. Mask confidential records to uphold privacy regulations (GDPR, CCPA, HIPAA and CJIS).
2. **Configurable Obfuscation Rules**
   a. Tailor which fields and tables need obfuscation.
   b. Implement custom scripts or rules to align with your organization's data policies.
3. **Seamless LCS Integration**
   a. Can be run **manually** after an LCS database copy or refresh process.
   b. Minimal disruption to your normal operations.
4. **Comprehensive Audit & Reporting**
   a. Full audit trail of data changes post-copy.
   b. Detailed reports for compliance and internal reviews.
5. **Preserve Critical Configuration**
   a. Option to keep specific operational or testing data intact while masking sensitive fields.
   b. Fine-tune your masking strategy based on test environment needs.

Benefits

- **Eliminate Accidental Integrations**
  Prevent unintended data pushes or integration triggers from sending live data to external systems in your test environment.
- **Eliminate Accidental Communications**
  Avoid unintentional emails or notifications from reaching real customers while you test.

- **Reduce Compliance Risk**
  Strengthen compliance with data privacy regulations by ensuring personal data is masked before it leaves the production environment.
- **Accelerate Testing & Development**
  Use authentic yet anonymized data that closely mirrors real-world scenarios—improving test accuracy and quality.
- **Streamlined Management**
  Simplify post-copy processes, freeing up your teams to focus on higher-value activities.
- **Boost User Confidence**
  Give developers and testers peace of mind knowing they work with secure and valid data sets.

How It Works

1. **Install & Configure**
   Integrate Clone Commander with your D365 F&O environment. Define obfuscation rules for sensitive fields (e.g., email, name, address).
2. **Perform the LCS Copy Process**
   When you clone an environment via LCS (e.g., Prod to Test), Clone Commander can be automatically or manually triggered after the copy completes.
3. **Data Obfuscation & Modification**
   Using your configured rules, Clone Commander replaces or masks sensitive data, ensuring that no identifiable information remains.
4. **Verification & Reporting**
   Access real-time logs and reports to confirm successful execution. Share documentation with auditors or key stakeholders.

Supported Scenarios

- **Regular Refreshes**
  For scheduled test environment refreshes or training environment resets.
- **Hotfix & Upgrade Testing**
  Maintain privacy while replicating real-world conditions to test patches or upgrades.
- **ISV & Custom Solution Testing**
  Provide secure and relevant data sets to developers and QA teams without compromising your customers' privacy.

Compatibility & Requirements

- Compatible with **Dynamics 365 Finance & Operations** (latest releases).
- Requires **LCS** for environment copy and refresh operations.
- Supports both **Microsoft Azure** and on-premises deployments with the correct connectivity.

Pricing & Availability

Clone Commander is offered via a **subscription** model, depending on your organizational needs. Pricing tiers are based on the number of environments.

For specific pricing details or to request a tailor-made quote, please **contact us**.

Why Choose Clone Commander

- **Proven Expertise**: Developed by an experienced ISV with deep knowledge of D365 F&O and LCS.
- **Ongoing Support**: Access dedicated customer support, regular updates, and best practices guidance.
- **Future-Ready**: Scalable to support new regulations or expanded data sets as your business grows.

Contact Us

Ready to safeguard your test environments while ensuring compliance, realistic data sets, and preventing accidental integrations?

Get in touch to learn more or schedule a personalized demo:

- **Website**: www.rysetechnologies.com
- **Email**: info@rysetechnologies.com
- **Phone**: +1 (617) 865-3916

Empower your organization with **Clone Commander**—the ultimate data obfuscation solution for Dynamics 365 Finance & Operations!