

# Upgrading Extra! X-treme to Reflection Desktop

Here is our four step process to upgrade from Extra!® X-treme™ to Reflection® Desktop, we call it PADI (paddy). This guide provides an overview with links to more detailed information in our product documentation and Technical Notes.



## 1) Prepare

- [Design and Prepare for Deployment](#)
- [Best Practices](#) for deploying Reflection Desktop
- Plan and schedule Project Communication
  - [Upgrading to Reflection Desktop](#)
  - [Getting Started with Reflection Desktop Deployment](#)
- Understand [Reflection Desktop](#) improvements from Extra! X-treme and a direct comparison of the two products [here](#)
- Define resource requirements for inventory, planning and implementation phases

## 2) Account

- Define user requirements for each user group
- Inventory desktops for [session files and macros](#)
- Identify integration requirements

## 3) Design

- Assess what business processes need to be automated with macros
- What security protocols are required by your organization? (TLS 1.2, SHA-256)
- [Review Extra! Basic macros](#)—inspect for known issues, security risks, see if they contain sensitive data
- For macros you wish to keep long term, consider easily rerecording or writing in [Visual Basic for Applications](#) for optimal performance and security

- Integrations and customizations—identify HLLAPI and other integrations that need to be updated or changed to a [modern development environment](#) to ensure security and reliability
- Plan Group Deployment—Determine the best approaches for deploying to your user groups
- For centralized management use [Host Access Management and Security Server \(MSS\)](#)

## 4) Implement

- Use existing Extra! session files in Reflection Desktop
  - [Supported Extra! Files in Reflection Desktop](#)
  - [Compound Sessions](#)—convert to compound sessions for simpler management
  - [Protect data and privacy](#) using Trusted Locations and Information Privacy
- If needed, you can create and [customize Reflection sessions](#)
- [Configure security protocols](#) required by your organization
- If using centralized management, [configure MSS](#) for Reflection Desktop sessions and authentication
- [Package Configuration Files](#)
- Test on Reflection Desktop [supported platforms](#) in your environment
- [Deploy](#) to your production environment

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