EXTREME ERP

Complete Setup & Deployment Guide

Source Code Edition

From download to running system in under a day.

Step-by-step instructions for development, staging, and production deployment.

Table of Contents

1. Overview

This guide walks you through every step needed to install, configure, and run the **Extreme ERP** source code — from setting up your development tools to deploying a production-ready system on your own server or cloud infrastructure.

The system is built on **ASP.NET Web Forms (.NET Framework 4.7.2)** with a **Microsoft SQL Server** database and **IIS** as the web server. All three components are required.

What You Will Need

Before you begin, ensure you have:

- A Windows machine (Windows 10/11 for development, Windows Server for production)
- Administrator access to install software
- The Extreme Office source code package (downloaded from your purchase)
- An internet connection for downloading free tools

Estimated Setup Time

Component	Minimum	Recommended
Development PC	30 – 60 minutes	First time with all tool installs
Staging / Testing Server	1 – 2 hours	Including IIS and SQL configuration
Production Cloud Server	2 – 4 hours	Including SSL and domain setup

2. System Requirements

Production / Live Server Requirements

Component	Minimum	Recommended
Operating System	Windows 10 (64-bit) or Server 2019	Windows Server 2022
Web Server	IIS 10.0	IIS 10.0
.NET Framework	4.7.2	4.7.2 (exact — do not use 5+)
Database	SQL Server 2019 Express	SQL Server 2019 / 2022 Standard
Crystal Reports Runtime	SAP CR 13.0.4000 SP29	SAP CR 13.0.4000 SP29 (exact)
RAM	4 GB	8 – 16 GB
Storage	20 GB	100 GB (for data growth)
CPU	2 Core	4 Core

> ⚠ WARNING   Minimum OS for live/production use is Windows 10 (64-bit) or Windows Server 2019. Earlier versions such as Windows 7, Windows 8.1, or Windows Server 2016 are not supported for production deployment.

> ⚠ WARNING   Crystal Reports version must be SAP Crystal Reports Runtime 13.0.4000 SP29 exactly. Do not install an older or newer service pack — version mismatches will cause all reports to fail silently or throw runtime errors.

Development Environment (Your PC)

Component	Minimum	Recommended
Operating System	Windows 10 (64-bit)	Windows 10 / 11 (64-bit)
Visual Studio	2019 (Community)	Visual Studio 2022 Community (free)
SQL Server	SQL Server 2019 Express (free)	SQL Server 2019 Developer (free)
SQL Server Mgmt Studio	SSMS 18+	SSMS 19+ (free download)
Crystal Reports Runtime	SAP CR 13.0.4000 SP29	SAP CR 13.0.4000 SP29 (exact)
.NET Framework SDK	4.7.2	Included automatically with Visual Studio

⚠ WARNING   Do NOT use .NET 5, .NET 6, .NET 7, .NET 8, or .NET Core. This project targets the classic .NET Framework 4.7.2. These are entirely different runtime environments and are not compatible.

3. Step-by-Step Setup

1	**Extract the Source Code Package**
	Unzip the downloaded package to a permanent location on your hard drive.

> 💡 **TIP** Avoid paths with spaces or special characters. Use a simple path like C:\Projects\ExtremeOffice

```
Recommended location:
  C:\Projects\ExtremeOffice\

The folder should contain:
  /app/                       ← Main ASP.NET web application
  /app/xyz_DB.bak       ← SQL Server database backup (restore this!)
  /app/CoreAccBasicsScript.sql   ← Alternative SQL script (if .bak restore
fails)
  /app/Web.config             ← Application configuration
  /app/App_Code/              ← Shared C# business logic classes
  /app/bin/                   ← Compiled libraries (Crystal Reports etc.)
  /app/bin/CRRuntime/         ← Crystal Reports 13.0.4000 SP29 installer
```

2	**Install Required Tools**
	Install Visual Studio and SQL Server if you have not already done so.

2a. Visual Studio 2022 Community (Free)

1. Go to: https://visualstudio.microsoft.com/vs/community/
2. Download and run the installer
3. During installation, select the workload: ASP.NET and web development
4. Ensure .NET Framework 4.7.2 targeting pack is checked
5. Complete installation (may take 20–40 minutes)

2b. SQL Server 2019 Express (Free)

6. Go to: https://www.microsoft.com/en-us/sql-server/sql-server-downloads
7. Download SQL Server 2019 Express
8. Run the installer and choose Basic installation
9. Note the Server name shown at the end — you will need it (e.g. .\SQLEXPRESS)

2c. SQL Server Management Studio (Free)

10. Go to: https://learn.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms
11. Download and install the latest SSMS
12. Launch SSMS and connect to your SQL Server instance to verify the install

3	**Restore the Database Backup** Use SQL Server Management Studio to restore .bak — this is the fastest and most reliable way to get a fully seeded database.

The package includes a ready-made SQL Server backup file: **xyz_DB.bak**. Restoring this file gives you the complete database schema, all stored procedures, views, and demo seed data in one step — no need to run any SQL scripts manually.

Method A: Restore via SSMS GUI (Recommended)

13. Locate the backup file in your extracted package:

```
C:\Projects\ExtremeOffice\app\xyz_db.bak
```

14. Open SQL Server Management Studio (SSMS)
15. Connect to your SQL Server instance using Windows Authentication or your SA login
16. In Object Explorer, right-click Databases → Restore Database…
17. In the Restore Database dialog, select Device as the source
18. Click the … (Browse) button next to the Device field
19. In the Select backup devices dialog, click Add
20. Navigate to and select: xyz_db.bak — then click OK
21. Back in the Restore Database dialog, the backup set details will populate automatically
22. In the Destination section, set the Database name to: Xyz_db
23. Click the Options page on the left side panel
24. Check: Overwrite the existing database (WITH REPLACE) — required if restoring over an existing copy
25. Verify the restore file paths under Restore the database files as. Update them if your SQL Server data directory is different:

```
Data file (.mdf):  C:\Program Files\Microsoft SQL
Server\MSSQL15.SQLEXPRESS\MSSQL\DATA\ xyz_db.mdf
Log file  (.ldf):  C:\Program Files\Microsoft SQL
Server\MSSQL15.SQLEXPRESS\MSSQL\DATA\ xyz_db_log.ldf
```

26. Click OK to start the restore
27. Wait for the completion message: Database 'Xyz_db' restored successfully

✓ The database is now fully restored with all tables, stored procedures, and demo data. You do not need to run any SQL scripts separately.

Method B: Restore via T-SQL Command (Advanced)

If you prefer the command line or are scripting a deployment, open a **New Query** window in SSMS connected to the master database and run:

```
RESTORE DATABASE [Xyz_db]
FROM DISK = N'C:\Projects\ExtremeOffice\app\xyz_db.bak'
WITH
  MOVE N'Xyz_db'
    TO N'C:\Program Files\Microsoft SQL Server\MSSQL15.SQLEXPRESS\MSSQL\DATA\
xyz_db.mdf',
  MOVE N'Xyz_db_log'
    TO N'C:\Program Files\Microsoft SQL Server\MSSQL15.SQLEXPRESS\MSSQL\DATA\
xyz_db_log.ldf',
  REPLACE,
  STATS = 10;
GO
```

💡 PATH NOTE   The MSSQL15.SQLEXPRESS folder name corresponds to SQL Server 2019 Express. If you are using a named instance or a different version, the path will differ — check your actual SQL Server data directory in SSMS under Server Properties → Database Settings.

💡 INSTANCE NAME   If your instance is not SQLEXPRESS (e.g. it is a default instance), replace MSSQL15.SQLEXPRESS with MSSQL15.MSSQLSERVER or the correct instance folder name.

⚠ WARNING   If you receive error 'Exclusive access could not be obtained because the database is in use', ensure no other applications are connected to Xyz_db. In SSMS, right-click the database → Tasks → Take Offline, then retry the restore.

After Restore: Verify the Database

28. In SSMS Object Explorer, expand Databases — you should see the database listed
29. Expand the database → Tables — you should see 80+ tables
30. Right-click the Users table → Select Top 1000 Rows — at least one admin user record should be present
31. Expand Stored Procedures — a full set of stored procedures should be visible

✓ If all tables and stored procedures are present, the restore was successful. Proceed to Step 4.

▣ ALTERNATIVE   If you do not have the .bak file or prefer a clean database, you may instead create an empty database named Xyz_db and run the included CoreAccBasicsScript.sql script to build the schema from scratch.

<table>
<tr><td>**4**</td><td>**Open the Project in Visual Studio**
Load the solution file and restore all required packages.</td></tr>
</table>

32. Open Visual Studio 2022
33. Click File → Open → Project/Solution
34. Navigate to your extracted folder and select the .csproj or .sln file
35. Wait for Visual Studio to load the project (first load may take 1–2 minutes)
36. If prompted about NuGet package restore, click Restore
37. Check the Solution Explorer panel — you should see the full project tree with all ASPX pages

> 💡 TIP   If Solution Explorer is not visible, open it via View → Solution Explorer or press Ctrl+Alt+L

<table>
<tr><td>**5**</td><td>**Configure the Database Connection**
Update Web.config to point to your SQL Server instance and database.</td></tr>
</table>

In Solution Explorer, find and open **Web.config** in the project root. Locate the `<connectionStrings>` section and update it:

```
<connectionStrings>
  <add name="XerpCon"
       connectionString="data source=YOUR_SERVER_NAME;
                         initial catalog=Xyz_db;
                         user id=YOUR_SQL_USERNAME;
                         password=YOUR_SQL_PASSWORD;
                         MultipleActiveResultSets=True"
       providerName="System.Data.SqlClient" />
</connectionStrings>
```

Replace the placeholders as follows:

YOUR_SERVER_NAME	Your SQL Server instance name. For local Express installs, use: .\SQLEXPRESS
Xyz_db	The database name you restored in Step 3 (default: Xyz_db)
YOUR_SQL_USERNAME	Your SQL Server login username (or use Integrated Security=True for Windows auth)
YOUR_SQL_PASSWORD	Your SQL Server login password

💡 WINDOWS AUTH   If using Windows Authentication instead of a SQL login, replace user id=... password=... with: Integrated Security=True

6	**Run the Application Locally**
	Launch the site using Visual Studio's built-in development server.

38. In Visual Studio, press F5 or click the green Run (IIS Express) button in the toolbar
39. Visual Studio will build the project and open your default browser automatically
40. The login page will appear at: http://localhost:[port]/login.aspx
41. Log in with the default administrator credentials:

Super Administrator:

Username	rony
Password	demo2026

Branch Administrator:

Username	rony
Password	demo2026

⚠ WARNING   Change the default admin password immediately after your first login. Go to Users & Security → User Profile → Reset Password.

✓ If the dashboard loads successfully, the database connection is working correctly and your local setup is complete.

4. Initial System Configuration

Before using the system for real business data, complete the following configuration steps from within the application.

4.1 Company Setup

42. Navigate to: Maintenance → Company → Company Info
43. Enter your company name, address, phone, and email
44. Upload your company logo (recommended: PNG, 300x100 px)
45. Set your financial year start month
46. Click Save

4.2 VAT / Tax Setup

47. Navigate to: Maintenance → Company → VAT Setup
48. Enter your VAT registration number
49. Set the applicable VAT rate (e.g. 15% for Saudi Arabia)
50. Configure which product groups are VAT-applicable
51. Click Save

4.3 Chart of Accounts

52. Navigate to: Core Accounting → Setups → Accounts Head Setup
53. Review the pre-seeded chart of accounts
54. Add, rename, or restructure accounts to match your business
55. Set up Control Accounts and Subsidiary Accounts as needed

> 💡 TIP   The system comes with a standard chart of accounts pre-loaded. You only need to customize it — not build it from scratch.

4.4 Warehouse Setup

56. Navigate to: Store & Inventory → Warehouses → Warehouse Setup
57. Create at least one warehouse (e.g. Main Warehouse)
58. For multi-location businesses, add each warehouse separately
59. Assign warehouse managers if applicable

4.5 User Accounts & Security

60. Navigate to: Users & Security → User Profile
61. Create individual user accounts for each staff member
62. Navigate to: Users & Security → Menu Level Security — restrict menu access per user
63. Navigate to: Users & Security → Form Level Security — restrict individual screens per user
64. Assign each user to their appropriate department and role

> ⚠ **WARNING**   Never share the admin account with regular users. Create named individual accounts for each employee so that the audit trail (Login History) is meaningful.

4.6 Email & SMS Gateways (Optional)

65. Navigate to: Maintenance → Email Settings to configure your SMTP server
66. Navigate to: Maintenance → SMS Gateway → SMS Gateway Setup to connect your SMS provider
67. Test both by sending a test message before going live

5. Production Deployment on IIS

Once the application works correctly on your local machine, follow these steps to deploy it to a Windows Server running IIS for production use or to share with your team.

5.1 Prepare the Windows Server

68. Log in to your Windows Server (2016, 2019, or 2022 recommended)
69. Open Server Manager → Add Roles and Features
70. Select: Web Server (IIS)
71. Expand IIS and ensure the following features are checked:
- Common HTTP Features: Static Content, Default Document, Directory Browsing, HTTP Errors
- Application Development: ASP.NET 4.8, .NET Extensibility 4.8, ISAPI Extensions, ISAPI Filters
- Security: Basic Authentication, Windows Authentication
- Management Tools: IIS Management Console
72. Complete the installation and restart if prompted

5.2 Install .NET Framework 4.7.2 on the Server

73. Download the .NET Framework 4.7.2 offline installer from Microsoft
74. Run the installer on the server
75. Restart the server after installation
76. Verify: Open a command prompt and run: reg query "HKLM\SOFTWARE\Microsoft\NET Framework Setup\NDP\v4\Full" /v Release

5.3 Install SQL Server on the Server

77. Download SQL Server 2019 Express (free) or Standard (licensed) for production
78. Run the installer and select Default Instance or a named instance
79. Enable SQL Server Authentication mode (Mixed Mode)
80. Set a strong sa password and note it
81. Ensure the SQL Server Browser service is running

> 💡 CLOUD TIP   If using Azure SQL Database or Amazon RDS, skip the SQL Server install. Just update the connection string in Web.config with your cloud database endpoint.

5.4 Publish the Application

82. Back on your development PC, open the project in Visual Studio
83. Right-click the project in Solution Explorer → Publish
84. Choose Folder as the publish target
85. Set the output path to: C:\PublishOutput\ExtremeOffice
86. Click Publish and wait for the build to complete
87. Copy the contents of C:\PublishOutput\ExtremeOffice to your server (via RDP, FTP, or shared drive)
88. Place the files at: C:\inetpub\wwwroot\ExtremeOffice\ on the server

5.5 Create the IIS Website

89. On the server, open IIS Manager (search inetmgr in the Start menu)
90. In the left panel, expand the server node → right-click Sites → Add Website
91. Fill in the details:

Site name	`ExtremeOffice`
Physical path	`C:\inetpub\wwwroot\ExtremeOffice`
Port	`80 (or 443 for HTTPS)`
Host name	`your-domain.com (optional)`

92. Click OK to create the site
93. In the left panel, click the new site → Application Pool (on the right)
94. Set the Application Pool to use: .NET CLR Version 4.0, Integrated Pipeline Mode

5.6 Configure Permissions

95. Right-click the ExtremeOffice folder in File Explorer → Properties → Security
96. Click Edit → Add and add the IIS_IUSRS group
97. Grant Read, Write, and Modify permissions
98. Also add NETWORK SERVICE with Read & Execute permissions
99. Click Apply → OK

> ⚠ WARNING   Without correct folder permissions, the application will throw 500 errors when trying to write temporary files, session state, or generate reports.

5.7 Update Web.config on the Server

100. Open the Web.config file in the server's application folder
101. Update the connectionStrings section with the server's SQL Server name and credentials (same as Step 5 in development)
102. Save the file

5.8 Set Up HTTPS / SSL (Strongly Recommended)

103. Obtain an SSL certificate — Let's Encrypt (free) via Win-ACME, or purchase a commercial cert

104. In IIS Manager, select your site → Bindings → Add

105. Choose HTTPS, port 443, and select your SSL certificate

106. Add a redirect from HTTP to HTTPS: create a URL Rewrite rule or use a simple redirect in web.config

> ♀ SECURITY   HTTPS is not optional for production. All login credentials and session data should be transmitted over an encrypted connection.

6. Crystal Reports Runtime

Extreme Office uses **SAP Crystal Reports Runtime 13.0.4000 SP29** for all 150+ built-in reports. This exact version must be installed on every machine that runs the application — both development PCs and production servers.

> ⚠ WARNING   The version must be SAP Crystal Reports Runtime 13.0.4000 SP29 specifically. Installing an earlier service pack (e.g. SP20, SP25) or a later one will cause report failures. Always verify the version number after installation.

6.1 Install the Crystal Reports Runtime

107. Locate the Crystal Reports runtime installer in the source package:

```
C:\Projects\ExtremeOffice\bin\CRRuntime\
  → CRRuntime_13_0_4000_SP29_x64.msi   (for 64-bit systems — recommended)
  → CRRuntime_13_0_4000_SP29_x86.msi   (for 32-bit systems only)
```

108. Copy the installer to the target machine if deploying to a server
109. Right-click the .msi file → Run as Administrator
110. Accept the license agreement and follow all default prompts
111. Complete the installation — no reboot is required, but it is recommended
112. After installation, reset IIS by opening a Command Prompt (as Administrator) and running:

```
iisreset
```

> 💡 VERIFY VERSION   To confirm the correct version is installed, open Windows Control Panel → Programs → Programs and Features. Look for SAP Crystal Reports Runtime Engine for .NET Framework and verify the version shows 13.0.4000.xxxx

> ⚠ WARNING   If Crystal Reports is not installed on the server, all reports will fail with a runtime error. If the wrong service pack is installed, some reports may render incorrectly or crash. This is the most common production deployment issue.

7. Verify the Deployment

Run through this checklist after deployment to confirm everything is working correctly.

Deployment Checklist

Login page loads	Browse to your server IP or domain — the login page should appear immediately
Admin login works	Log in with admin credentials — dashboard should display with no errors
Database connection	Navigate to any data entry screen — if data loads, the DB connection is good
A report generates	Go to Core Accounting → Reports → Trial Balance — click View — report should render
PDF export works	On any report, click Export → PDF — file should download cleanly
Excel export works	On any report, click Export → Excel — .xlsx file should download
User creation works	Create a test user in Users & Security — log out and log in as that user
Company name shows correctly	Your company name and logo appear in the top navigation
HTTPS working	Browser shows padlock icon — no mixed-content warnings

8. Customization Quick Reference

The codebase is modular and clean — every major customization has a clear entry point. The table below maps common tasks to the relevant files.

Key Files and Where to Make Changes

What You Want to Change	Where to Look
Navigation menu items	`MenuStructure.aspx  or  MasterPage.Master`
Add a new data entry screen	`Copy any existing .aspx page as a template, update the code-behind (.aspx.cs)`
Add a new report	`Crystal Reports Designer → create new .rpt file → add a viewer page`
Modify financial logic	`App_Code/Accounting.cs`
Change user permissions logic	`App_Code/XERPSecurity.cs  +  database permission tables`
Modify theme / colours	`/css/Dashboard.css  and  /App_Themes/Blue/ folder`
Add a new database table	`SQL Server → add table → update XerpDataSet.xsd in VS DataSet Designer`
Company logo / branding	`Maintenance → Company Info (in-app)  or /images/ folder`
Email templates	`Communication module → Email Templates (in-app, CKEditor-powered)`
SMS gateway provider	`Maintenance → SMS Gateway Settings (in-app)`

> 🤖 **AI AGENTS**   The codebase is well-structured for AI-assisted modification. You can share relevant files with Claude Code, Cursor, or GitHub Copilot and describe exactly what you want changed — the consistent naming conventions and modular page structure make AI edits highly reliable.

9. Automated Setup Script

For experienced users and server administrators, a PowerShell script is included that automates the entire deployment process — from IIS installation through to the smoke test — in a single command.

The script is named **setup-script.ps1** and is located in the root of your downloaded package.

9.1 What the Script Does Automatically

Running the script executes the following 13 steps without any manual intervention:

#	Step	Details
1	Pre-flight Checks	Validates OS version (Win 10 / Server 2019+), 64-bit arch, PowerShell 5.1+, admin rights, source path, and BAK file presence
2	IIS Installation	Installs the Web Server role with all required features: ASP.NET 4.5, ISAPI extensions, authentication modules, and management console
3	.NET Framework 4.7.2	Checks registry release key; downloads and installs silently if not present
4	SQL Server 2019 Express	Detects if the instance is reachable; downloads and silently installs SQL Server 2019 Express if not found
5	Database Restore	Auto-discovers SQL data directory, reads logical file names from XO_DB.bak, then restores with MOVE and REPLACE. Falls back to CoreAccBasicsScript.sql if needed
6	Crystal Reports SP29	Finds the MSI in /bin/CRRuntime/ and runs a silent install via msiexec /quiet
7	Deploy Application Files	Copies the /app folder to the IIS deployment path
8	Patch Web.config	Backs up the original Web.config then updates the XerpCon connection string for Windows or SQL authentication
9	Application Pool	Creates ExtremeOfficePool with .NET CLR v4.0, Integrated Pipeline, Always Running, no idle timeout
10	IIS Website	Creates and starts the IIS website on the specified port, sets login.aspx as the default document
11	Folder Permissions	Grants Modify rights to IIS_IUSRS, NETWORK SERVICE, and the app pool identity; also sets Windows Temp folder rights for Crystal Reports
12	IIS Reset & Smoke Test	Runs iisreset and sends an HTTP request to /login.aspx, reporting the response code

#	Step	Details
13	Summary Report	Prints a formatted summary with URL, credentials, config values, all warnings, errors, and next steps. Writes a timestamped log to %TEMP%

9.2 Prerequisites Before Running the Script

- Windows 10 (64-bit) or Windows Server 2019 or later
- PowerShell 5.1 or later (pre-installed on Windows 10 / Server 2019)
- Run PowerShell as Administrator (right-click → Run as Administrator)
- Internet connection (for downloading SQL Server Express and .NET Framework if not already installed)
- The Extreme Office package extracted to a local folder (e.g. C:\Projects\ExtremeOffice)

> ⚠ **WARNING**   The script must be run as Administrator. It will exit immediately with an error if launched without elevated privileges.

9.3 Execution Policy

Windows PowerShell blocks unsigned scripts by default. Before running the script, set the execution policy for the current session:

```
# Run this in PowerShell (as Administrator) before executing the setup script:
Set-ExecutionPolicy -ExecutionPolicy RemoteSigned -Scope Process
```

> 💡 **SCOPE**   Using -Scope Process applies the policy only to the current PowerShell session and does not permanently change system settings — the safest approach.

9.4 Usage Examples

Example 1 — Interactive Mode (Recommended for First-Time Use)

Prompts for confirmation at each significant step and any missing values. Safe for first-time users.

```
.\Setup-ExtremeOffice.ps1 -SourcePath "C:\Projects\ExtremeOffice"
```

Example 2 — Fully Unattended with Windows Authentication

No prompts. Uses Windows (Integrated) Authentication for the database connection — the simplest and most secure option for local installs.

```
.\Setup-ExtremeOffice.ps1 `
    -SourcePath  "C:\Projects\ExtremeOffice" `
    -SqlInstance ".\SQLEXPRESS" `
    -SqlAuthMode Windows `
    -Unattended
```

Example 3 — Unattended with SQL Server Authentication

Uses a named SQL login. The password can alternatively be passed via the environment variable `XOERP_SQL_PASSWORD` to avoid it appearing in shell history.

```
.\Setup-ExtremeOffice.ps1 `
    -SourcePath  "D:\Packages\ExtremeOffice" `
    -SqlInstance "MYSERVER\SQLEXPRESS" `
    -SqlAuthMode SQL `
    -SqlUser     "erp_user" `
    -SqlPassword "MyStr0ngP@ss!" `
    -SitePort    8080 `
    -Unattended
```

Example 4 — Skip Steps Already Completed

If SQL Server and IIS are already installed and configured, skip those steps to avoid unnecessary changes:

```
.\Setup-ExtremeOffice.ps1 `
    -SourcePath     "C:\Projects\ExtremeOffice" `
    -SkipSqlInstall `
    -SkipIisInstall `
    -Unattended
```

9.5 All Available Parameters

Parameter	Default	Description
`-SourcePath`	C:\Projects\ExtremeOffice	Path to the extracted package folder (must contain /app subfolder)

Parameter	Default	Description
`-SiteName`	ExtremeOffice	Name for the IIS website
`-SitePort`	80	HTTP port for the IIS site binding
`-DeployPath`	C:\inetpub\wwwroot\ExtremeOffice	Target folder for deployed application files
`-SqlInstance`	.\SQLEXPRESS	SQL Server instance name to connect to
`-SqlDbName`	Xyz_db	Name to assign to the restored database
`-SqlAuthMode`	Windows	Authentication mode: Windows (Integrated) or SQL (username + password)
`-SqlUser`	(none)	SQL Server login username — only used when SqlAuthMode is SQL
`-SqlPassword`	(none)	SQL Server login password — can also be set via XOERP_SQL_PASSWORD environment variable
`-SkipSqlInstall`	Off	Switch: skip SQL Server installation if already installed
`-SkipIisInstall`	Off	Switch: skip IIS installation if already configured
`-SkipCrystalInstall`	Off	Switch: skip Crystal Reports Runtime installation
`-SkipDbRestore`	Off	Switch: skip database restore (use if DB is already in place)
`-Unattended`	Off	Switch: suppress all interactive prompts for fully automated deployment

9.6 What to Do After the Script Completes

113. Open the URL shown in the summary — typically: http://localhost/login.aspx
114. Log in with the default credentials: admin / admin123
115. Change the admin password immediately: Users & Security → User Profile → Reset Password
116. Go to Maintenance → Company Info and enter your company name, logo, and details
117. Configure VAT Setup, Chart of Accounts, and Warehouses
118. Verify Crystal Reports is version 13.0.4000 SP29 via Control Panel → Programs and Features

⚠ WARNING   The script sets a temporary SA password of TempSetupAdmin@123! if it installs SQL Server. Change this immediately in SSMS: Security → Logins → sa → Properties → Change Password.

LOG FILE   The script writes a timestamped log to %TEMP%\ExtremeOffice_Setup_YYYYMMDD_HHmmss.log. If anything goes wrong, this is the first place to look.

10. Troubleshooting

The following table covers the most common issues encountered during setup and their resolutions.

Issue / Error	Resolution
Cannot connect to SQL Server	Check the server name in Web.config. For local Express, use .\SQLEXPRESS. Ensure SQL Server Browser service is running. Check Windows Firewall is not blocking port 1433.
HTTP 500 error on page load	Usually a configuration or permission problem. Enable detailed errors in Web.config by setting customErrors mode='Off'. Check the Windows Event Log (Application) for the full error.
Reports are blank or throw runtime error	The SAP Crystal Reports runtime is not installed on the server. Install it from the /bin/CRRuntime/ folder in the source package, then run iisreset.
PDF export fails	Crystal Reports runtime not installed, or the IIS application pool user lacks write access to the Temp folder. Grant IIS_IUSRS write access to C:\Windows\Temp.
Login fails with 'Invalid credentials'	Ensure the CoreAccBasicsScript.sql ran successfully and created the Users table with seed data. In SSMS, run: SELECT * FROM Users to verify records exist.
NuGet package restore errors in Visual Studio	Go to Tools → NuGet Package Manager → Package Manager Console and run: Update-Package -reinstall. Or delete the /packages/ folder and let Visual Studio restore it.
Pages load but show no data	Database connection is working but you are pointing to a different database. Confirm the initial catalog name in Web.config matches the database you ran the script against in SSMS.
IIS site shows 403 Forbidden	Enable Directory Browsing in IIS, or ensure the default document (login.aspx) is listed under Default Documents in IIS Manager for the site.
Crystal Reports error: 'Load report failed'	The .rpt report files are missing or not copied to the server. Ensure the /Reports/ folder and all .rpt files are present in the deployed site folder.

11. Getting Further Help

Live Demo Environment

The live demo is available 24/7 for reference. If a feature works in the demo but not in your installation, the issue is in your local configuration, not the code.

Demo URL	`https://xo.alzerp.com`
Username	`rony`
Password	`demo2026`

Expert Support from Alwajeez Tech

The **Exclusive Support Package** ($19/hr) gives you direct access to the team who built this system. Support services include:

- Remote server deployment and configuration
- Live technical walkthrough sessions
- Customization guidance and code review
- Staff training sessions (live or recorded)
- Ongoing technical Q&A

Contact Alwajeez Tech

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