

Project Handover Document – NextMail (RPWeb)

1. Project Overview

- **Project Type:** ASP.NET WebForms Application (.NET Framework 4.0)
- **Purpose:** Email Campaign Management Platform with SuperAdmin, Client Accounts, Drag & Drop Editor, Campaign Mailings, Reporting, and Segmentation.
- **Core Features:**
 - Campaign Creation (Editor)
 - Advanced Drag & Drop Email Template Builder
 - SuperAdmin Account & Client Management
 - Reporting & Analytics
 - Public Unsubscribe / Login Pages
 - Legacy ASMX Service (SegmentResult.asmx)

2. Repository Information

◆ Visiomate (Active Development Repo)

- **Repo Name:** NextMail_UI
- **Repo URL:** https://github.com/Visiomate/NextMail_UI
- **Branching Strategy:**
 - main → Production-ready code
 - ux-changes → Ongoing development

◆ Net-Atlantic (Client Repo – Deliverables)

- **Repo Name:** nextmail
- **Repo URL:** <https://github.com/Net-Atlantic/nextmail>
- **Branching Strategy:**
 - main → Production-ready code
 - UI/UX Changes → commits aligned with official release notes
 - Latest release: *Release Notes v1.50 [2025-08-15].docx*

3. Cheat Sheet (Feature Locations)

Folder	Purpose
/adminpages	SuperAdmin pages (with RPAAdminMaster.Master) – manage clients, system-wide settings.
/Editor	Campaign Mailings + Advanced Drag & Drop Editor (core campaign creation).
/openpages	Pages without authentication (e.g., login, unsubscribe, register).
/pages	Authenticated user pages (inherit from BaseClass.cs in /GlobalClasses).
/GlobalClasses	Shared utility logic; BaseClass.cs manages authentication, sessions, and helpers.
/EmailTemplates	Stored HTML/ASPX templates for campaigns.
/Reports	Reporting and analytics pages.
/RadGrid	Telerik RadGrid UI components.
/assets, /css, /JS, /fonts, /Images	Static content (styles, scripts, media).
/CloudinaryAssets	Media assets managed via Cloudinary.
/SegmentResult.aspx	Legacy ASMX Web Service for campaign segmentation.
Global.aspx	Application start events, global error handling.
Web.config	App settings: connection strings, authentication, feature flags.

4. Development Environment Setup

◆ Prerequisites

- **Visual Studio 2022** (with .NET Framework 4.5 workload)
- **SQL Server 2022 Developer Edition**
- **.NET Framework 4.0 Reference Assemblies**
 - Download v4.0.zip (shared internally).
 - Extract to:
 - C:\Program Files (x86)\Reference Assemblies\Microsoft\Framework\.NETFramework\v4.0

◆ Setup Steps

1. Clone repo:
2. `git clone https://github.com/Visiomate/NextMail_UI.git`
3. `cd NextMail_UI`
4. `git checkout ux-changes`
5. Configure **Web.config** connection strings.
6. **Database Setup** – NextMail requires 3 DBs:
 - AdminDb (Emarketer) → SuperAdmin
 - ClientDb (alutts) → Client instance
 - op_onepoint → Template backup DB
 - Restore .bak files from shared folder → SQL Server 2022
 - Verify via SSMS queries
7. **Local Config Example (Web.config):**
8. `<add name="sqlConstr" connectionString="Data Source=DESKTOP-REARE91;Initial Catalog=Emarketer;Integrated Security=True;Connection Timeout=30;Encrypt=False;" providerName="System.Data.SqlClient"/>`
9. **Test Login Credentials:**
 - superadmin / superstupidEASY
 - alutts / VyVa~*7btXLP
10. **Run Locally:**
 - Open solution in Visual Studio
 - Set **RPWeb** as startup project
 - Press F5 to run in Debug mode

5. Deployment Guide

◆ Build Instructions

1. In Web.config, switch DB connection to **Production**:
2. `<add name="sqlConstr" connectionString="Data Source=NM01-DB;Initial Catalog=E marketer;UserID=NextMail;Password={password};Persist Security Info=True;Pooling=true;Max Pool Size=200" providerName="System.Data.SqlClient" />`
3. Build solution in Visual Studio → **Publish** RPWeb project.
4. Create deployment ZIP:
5. NextMail Published Build [version][YYYY-MM-DD].zip
6. Example: NextMail Published Build [10.0.110.2][2024-09-19].zip
7. Prepare **Release Notes** (follow Release Notes v1.7 [2024-09-12].docx format).
8. Deploy to IIS → Create Site → Update Web.config for Prod DB/API keys.
9. Test Url: <https://nm01.netatlantic.com/Nextmail/pages/Login.aspx>

6. RDP Access (Test Server)

- **IP Address:** 69.25.192.207
- **UserName:** Administrator
- **Password:** 1P0!nt4WEB*
- **Database:** 192.168.192.206
- **Webserver:** 192.168.192.207 / 69.25.192.207
- **Test Url:** <https://1pointweb.netatlantic.com/1Point/pages/login.aspx>
- **Test Login Credentials:**
 - netatlanticadmin / superstupidEASY
 - visiomate / jFDXuaGuEml#