



CodePal 6.0 Product Information

This version of CodePal is being released January 2008. The new version of CodePal will support building departments for every aspect of a building project.

- Ability to track projects
- Perform plan reviews
- Issue permit certificates
- Track applicant information
- Track Approvals for permits, plans, inspections
- Create invoices

Private companies will like this new version of CodePal because it will enable them to perform inspections at the item level. Fire extinguishers, alarm systems, and sprinkler systems will be tracked easily with the ability to add an inventory at each service address and then inspect and service each item.

Product Description: CodePal was developed with field productivity in mind. This is not a run of the mill record management system. Our developers have placed a database management system in the hands of staff operating in field positions. CodePal streamlines the inspection process, as information is gathered, your inspectors will enter directly into a mobile device rather than taking notes and later entering data into a PC or laptop. At the end of the shift, you will synchronize the data to a central server, where it can be administered and reported.

CodePal Features:

- Drop down menus and checklist items for ease of use and quick entry in the field
- Violations and Address information imports to facilitate a timely initial setup
- User defined fields allows preplan collection data such as meter location and hazmat materials, etc
- Data filtering using assignment feature in conjunction with SQL replication and filters
- Alias renaming of CodePal modules
- Administrator ability to define project types, request types, complaint types, task types, fee types, permit types, role types, inspection types, and other tables.
- Alert screen query determines inspections due
- Manage and assign inspection (work) requests to your inspectors
- Permits issued and tracked
- Digital images and files (CAD drawings) associated to address (location), an inspection, or a permit
- Signature capture for mobile devices in regard to inspections
- Lock inspections after signature capture



- Unlimited contacts associated to an address. (The Business, Property Owner, Emergency Contacts, administrators, contractors, etc.)
- Security
- Create an unlimited number of inspectors
- Create unlimited number of inspection templates
- Create inspection templates with predefined violations and reference codes
- Manage standard NFPA and ICC and/or custom state or municipal codebooks
- Build unlimited inspection areas for each primary address
- Versatile model for both public and private sectors
- Categorize violations for each inspection template for easy organization

Application Architecture:

- User friendly Windows application for single or multi-user environments.
- Collect data in the field with laptop, handheld, or tablet PC and synchronize to the central server.
- Built on powerful Microsoft dot net and SQL server 2000/2005 technologies

Technical Architecture:

- Multi-station configuration for synching to a centralized server
- Portability – Windows environment and travels well between server and other applications
- Flexibility of SQL Topology
- Licensing flexibility

PC / Server Requirements:

Personal Computer (PC)/Workstation/Server configuration:

- Microsoft Windows 2000 Professional/Server with Service Pack 3 (SP3 or later), or Microsoft Windows XP Professional with Service Pack 2 (SP2 or later), or Microsoft Vista
- Microsoft .NET Framework 1.1 with Service Pack 1 (SP1 or newer)
- Access to a user account with Administrator privileges to install software
- 1.8GHZ minimum processor speed, 3GHZ recommended
- 512 MB RAM (1 GB RAM recommended)
- 30GB of available hard-disk space (or larger, depending on amount of data) on the primary drive.
- CD-ROM drive or Internet access to install software
- Network connectivity (Internet, LAN, WAN, etc.)



Requirements for Windows Vista

- Windows Vista Business OS (For Domains)
- Windows Vista Home Premium OS (For Workgroups)
- SQL Server 2005 Workgroup Edition (25 or less users)
- SQL Server 2005 Standard Edition (More than 25 users)

If using a handheld PC:

- Microsoft Active Sync 4.2.0 is required, Microsoft Active Sync 4.5 is recommended.
- OS Requirements: Windows Mobile 5 operating system is required, Windows Mobile 6 is recommended.
- Internet Information Services (IIS) installed on the PC or Server used to synchronize with the handheld PC
- Web Service used for data sync
- Memory Requirements: 64MB RAM & 128MB ROM with Windows Mobile 5 or higher installed is required, 128MB RAM & 256MB ROM is recommended. Additional software installed [not recommended] (e.g. GPS software, Voice Command, Camera). *No Smart Phone*