



CodePal 7.0 Product Information

This version of CodePal is being released First Quarter 2009. The new version of CodePal will support building departments for every aspect of a building project as well as Sprinkler and Alarm Companies.

- Ability for Multiple Organizations to share a common database
- Ability to track projects and report on projects
- Perform plan reviews
- Issue permit certificates
- Track applicant information
- Track Approvals for permits, plans, inspections
- Create invoices
- Perform inspections quickly and accurately

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 and specify item locations at each service address and then inspect and/or 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, Addresses, Items and Checklist information imports easily to facilitate a timely initial setup
- User defined fields allows preplan collection data such as meter location, hazmat materials, property information, etc.
- Data filtering using assignment feature in conjunction with SQL replication and filters
- Alias renaming of CodePal modules and customizable screens allow for further definition of the software to meet your needs
- 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 activities and permits that are 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
- Easily add violations to inspection records by doing a code search or by using the checklists
- Signature capture for mobile devices and signature pad integration for desktop applications to collect signatures on activities and permits
- 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 users and assign them to a group. Each group can then be assigned to an organization and administer the data each organization/group can access.
- Create unlimited number of activity templates
- Create inspection checklists with predefined violations and/or reference codes associated to each checklist question.
- Manage standard NFPA, 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
- Create routing slips to route activities between specific organizations, groups, or users
- Ability to import amended violations and errata while maintaining historical violations
- Easily update occupancy information while maintaining historical records
- Submittal/Approval feature
- Create work orders from activities
- Email activity/inspection reports easily from within CodePal.
- Easily archive old inspection data.
- Reference Library holds pertinent information such as drawings, codes, manuals, images, tables, etc. for quick retrieval using a desktop or tablet.

Application Architecture:

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

Technical Architecture:

- Multi-station configuration for synchronizing 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 Server with SP3 or later, or Microsoft Windows Server 2003 SP2 or later, Microsoft Windows Server 2008 or 2008 R2 (32 or 64 bit)
- Microsoft Windows 2000 Professional with Service Pack 3 (SP3 or later), or Microsoft Windows XP Professional with Service Pack 2 (SP2 or later), Microsoft Windows Vista (SP1), or Windows 7
- Microsoft .NET Framework 3.5 with Service Pack 1 (SP1 or newer)
- Access to a user account with Administrator privileges to install software
- 1.6GHZ minimum processor speed, 2GHZ recommended for single core processors (1.2 GHZ per core or higher for multi-core processors)
- 512 MB RAM (1 GB RAM recommended) for Windows 2000, XP (1 GB Minimum\2GB RAM recommended for Vista/Windows 7)
- 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.)

*Sybatech does not recommend installing the Codepal database on a server that is acting as the network domain controller due to performance issues.

Additional Requirements for Windows Vista / Windows 7/Server 2008

- Windows Vista Business / Windows 7 Professional OS (For Domains)
- Windows Vista / Window 7 Home Premium OS (For Workgroups)
- SQL Server 2005/2008 Workgroup Edition (25 or less users)
- SQL Server 2005/2008 Standard Edition (More than 25 users)