



Forge CAD

Full Feature List

Scalability and Availability

- Easily scales up to accommodate hundreds of thousands of calls for service per year (currently operational in a County wide PSAP that typically answers 500,000 annual calls)
- Easily scales down to accommodate well under a hundred thousand calls per year (currently operational in a County wide PSAP that typically answers less than 40,000 annual calls)
- Meets the needs of large and complex multi-service and multi agency city, county or state wide PSAPs
- Meets the needs of small single service and single agency township, city or municipal 911 centers and departments
- Easily adapts to small to medium single entity single server hardware/software requirement constrain (for example, Several Windows XP or Windows Vista workstations with a single server running Microsoft SQL 2005 Standard Edition)
- Easily adapts to medium to large single entity multiple server hardware/software needs (for example, many Windows XP or Windows Vista workstations with one, two or more servers running either Microsoft SQL 2005 Standard or Enterprise Edition)
- Easily adapts to complex geographically disperse multiple entity integration, backup and Hot Site hardware/software requirements with comprehensive multi-server deployment capabilities (for example, numerous Windows XP or Windows Vista workstations with numerous load balanced and clustered servers running Microsoft SQL 2005 Enterprise Edition)
- Accommodates simple and straightforward single server tape backup
- Accommodates more complex multiple Hot Site and warm backup scenarios
- Pricing model designed to ensure affordability for smaller agencies or departments
- Pricing model designed to smoothly scale up to larger PSAPs requiring significant commitment and time for project management, deployment, installation and training
- Pricing model includes software leasing option
- Price model designed to provide sliding scale server and workstation license costs



Flexibility

- Open to integration with other applications
- Open to integration with other data elements
- Open to customization
- Integrates with GeoComm GeoLynx 9-1-1 mapping software
- Integrates with GeoComm GeoLynx Automatic Vehicle Location (AVL) Extension
- Integrates with MicroDATA mapping software
- Integrates with Global Software Records Management (RMS) software suite
- Integrates with Priority Dispatch ProQA software*
- Integrates with PA CLEAN/NCIC
- Integrates with PA JNET*

**Coming soon.*

Usability

- Users can define, save and use different screen layouts
- Users can select different sizes for screen fonts
- Context sensitive and intuitive Tabs and Ribbons
- Pin windows “out of the way” for easy access when needed
- Single or multiple monitor use
- Service and agency defined communication areas
- Users can define, edit and maintain unit and incident timers and alerts
- Extensive global or keyword specific search capabilities
- Default 1024 x 768 screen resolution
- Virtually unlimited number of incidents, units, stations, agencies, and personnel
- Multiple incident windows can be opened simultaneously
- Hotkey, command line, and mouse functionality
- Column sort orders and filter options within grid displays
- Dispatcher, Dispatcher Plus, Supervisor, Administrator and System Administrator user roles
- Instant messaging
- Easy input and management of incident types and priorities
- Easy input and management of run cards



Usability (continued)

- Easy input and management of box responses
- Easy input and management of Common Place names
- Easy input and management of agencies, agency stations, agency personnel and agency units
- Easy input and management of unit capabilities, unit inventory – including NIMS typing, and personnel qualifications and capabilities
- Automatically generates sequential incident numbers
- Very usable display queues for all incidents, pending incidents, and dispatched incidents
- Virtually unlimited narrative comments for any call or active incident
- Spell checking will be available for incident comments
- Caller history
- Users can easily and automatically identify required services based on incident type
- Automatically displays ANI/ALI information
- Duplicate incident resolution
- Automatically suggest units for an incident and accommodates overriding unit suggestions
- Easy function key, command line or mouse click unit status changes
- Station Printer “rip and runs”
- Shift change functionality
- Users can view assigned and unassigned unit and personnel resources from within a single display
- Users can perform unit status edits and personnel assignments from within a single display to include personnel reassignments to different units while on duty (and unit status out of service or in service)
- Easy Quick Dispatch functionality including Vehicle or Traffic Stops and On View incident types

Technology

- Microsoft Windows XP, Windows Vista and Windows 7 (under testing)
- Microsoft SQL Server 2005 Standard or Enterprise Edition (2008 under testing)
- Microsoft C#
- Microsoft .NET Framework 3.5
- Windows Communications Foundation (WCF)
- Microsoft Certified Partner



Mobile Solutions

- Forge WebCAD Web based bi-directional Mobile Data Terminal (MDT) available
- WebCAD accommodates mobile wireless connectivity for laptops mounted in responders vehicles
- WebCAD accommodates “at home” CAD connectivity for administrators and managers
- WebCAD does not require client software – only a web browser

Forge WebCAD Administrators can, among other things:

- Configure user roles, profiles and application permissions
- Edit users passwords and modify users WebCAD account status
- Configure public views of certain CAD incidents and information
- Configure station printers for “rip and run” printouts
- Configure out-of-service listings by EMS, Fire and Police Units or Agency

Authorized Forge WebCAD users can:

- View their agency incident and unit status details
- Access and view incident details
- Search for incidents by date range by Incident number, type, location, municipality, reporting party and common place name
- Search unit history by date
- Search for common place names by name, municipality and category
- View out- of-service units
- Manage shift changes

Mobile Solutions (continued)

- Use Instant Messaging for silent and discrete contact with 911 center dispatchers
- Can export incident details in CSV or native FireHouse format
- Can lookup Incident Responses, view run cards and manage unit inventory
- Start an incident
- Switch from a normal “day view” to a “night view,” making it ideal for nighttime in-vehicle use
- Access full online context-sensitive help