





ID	Feature	CUPSS	Fiix	Beehive	Cityworks	NEXGEN	Vueworks	Maximo
		Basic		Standard			Advanced	
<b>Incorporate Maintenance Protocols</b>								
F-1	The system can integrate compliance protocols for assets	●	●	●	●	●	●	●
<b>Monitoring Materials</b>								
F-2	Service requests can track estimated costs for the requested work	●	●	●	●	●	●	●
F-3	The system tracks equipment costs at the work order level	●	●	●	●	●	●	●
F-4	The system tracks materials costs at the work order level	●	●	●	●	●	●	●
F-5	The system tracks job-costing information for all defined preventive and predictive maintenance activities	●	●	●	●	●	●	●
<b>Monitoring Staffing</b>								
F-6	The system tracks service requests	●	●	●	●	●	●	●
F-7	The system can assign a service request to a crew	●	●	●	●	●	●	●
F-8	The system can assign a service request to a single person	●	●	●	●	●	●	●
F-9	The system can track crew assignments daily	●	●	●	●	●	●	●
F-10	The system captures time on-site for each crew member	●	●	●	●	●	●	●

 Yes  
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F-11	Work orders can be printed before or after crew assignment	●	●	●	●	●	●	●
F-12	For a work order that spans multiple days, the system accommodates different crew members for each day	●	●	●	●	●	●	●
F-13	The system captures full names and employee numbers of individuals making up a crew	●	●	●	●	●	●	●
F-14	The system tracks Work Orders	●	●	●	●	●	●	●
F-15	Work orders can be assigned to an individual employee	●	●	●	●	●	●	●
F-16	Work orders can be assigned to a crew	●	●	●	●	●	●	●
F-17	The system prints daily or weekly schedules for a specific employee or crew	●	●	●	●	●	●	●
F-18	The system allows for the tracking of staff vacation/holiday schedules	●	●	●	●	●	●	●
F-19	The system allows for the import of staff vacation/holiday schedules	●	●	●	●	●	●	●
<b>Monitoring Hours</b>								
F-24	The system can track inspections and work orders for the following types of assets:							
F-25	Pump Stations	●	●	●	●	●	●	●

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F-26	Manholes	●	●	●	●	●	●	●
F-27	Storm drains	●	●	●	●	●	●	●
F-28	Drainage pipes	●	●	●	●	●	●	●
F-29	Outfalls	●	●	●	●	●	●	●
F-30	Catch basins	●	●	●	●	●	●	●
F-31	Valves	●	●	●	●	●	●	●
F-32	Green Infrastructure (bioswales, planter boxes, etc.)	●	●	●	●	●	●	●
F-33	The system stores and tracks asset initial cost	●	●	●	●	●	●	●
F-34	The system stores and tracks asset estimated life	●	●	●	●	●	●	●
F-35	The system stores and tracks purchase date	●	●	●	●	●	●	●
F-36	The system stores and tracks installation date	●	●	●	●	●	●	●

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F-37	The system stores and tracks asset condition	●	●	●	●	●	●	●
F-38	System can incorporate entity's existing asset naming conventions	●	●	●	●	●	●	●
F-39	The system allows assets to be searched by an asset's component ID, address, unit type, area, sub-area, district, location, installation date, or service status	●	●	●	●	●	●	●
F-40	The system stores and tracks asset's warranty end date	●	●	●	●	●	●	●
F-41	The system can link an Inspection to a follow-up Work Order	●	●	●	●	●	●	●
F-42	The system can schedule recurring Inspections and automatically generate Inspections when they come due	●	●	●	●	●	●	●
F-43	The system can track costs (labor, material, equipment) for Inspections	●	●	●	●	●	●	●
F-44	The system can link multiple service requests to a single work order	●	●	●	●	●	●	●
F-45	The system has a customer (public) portal that allows customers/citizens to enter service requests	●	●	●	●	●	●	●
F-46	System stores a permit number on a work order	●	●	●	●	●	●	●

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<b>Servicing Frequency Tracked</b>								
F-47	The system can track the date and time the request was received	●	●	●	●	●	●	●
F-48	The system can alert the user if a duplicate service request already exists in the same location with the same request type.	●	●	●	●	●	●	●
F-49	The system can close a service request without initiating a work order	●	●	●	●	●	●	●
F-50	The system can automatically assign a priority to the service request based upon the request type.	●	●	●	●	●	●	●
F-51	The system allows the user to assign a priority to the service request	●	●	●	●	●	●	●
F-52	The system allows the user to assign a priority to the work Order	●	●	●	●	●	●	●
F-53	System can automatically trigger a series of actions upon closing of a work order	●	●	●	●	●	●	●
<b>Performance Standards</b>								
F-54	The system generates and tracks preventive maintenance work orders	●	●	●	●	●	●	●
F-55	The system generates and tracks predictive maintenance work orders	●	●	●	●	●	●	●
F-56	The system can generate calendar-based PMs	●	●	●	●	●	●	●

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F-57	The system can generate a work order for PM at specified intervals in advance	●	●	●	●	●	●	●
F-58	The system can generate an email to alert the user that a scheduled PM is coming due in a certain timeframe as defined by the entity	●	●	●	●	●	●	●
F-59	The system has the ability to schedule one-time PMs	●	●	●	●	●	●	●
F-60	The system can schedule seasonal or cycle PMs	●	●	●	●	●	●	●
F-61	The system allows for deferral, approval, or cancellation of PM work orders as they become due	●	●	●	●	●	●	●
F-62	The system can automatically generate work orders based on equipment run time	●	●	●	●	●	●	●
F-63	The system can pull equipment run times in from SCADA	●	●	●	●	●	●	●
F-64	The system can recommend a PM schedule based upon the frequency of previous PM work orders	●	●	●	●	●	●	●
F-65	The system resets the PM scheduling either upon work initiation or work completion	●	●	●	●	●	●	●

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<b>Replacement Schedules</b>								
F-66	The system can track asset replacement schedules	●	●	●	●	●	●	●
F-67	The system provides notification when asset replacement is due or near due	●	●	●	●	●	●	●
F-68	The system provides e-mail notification when asset replacement is due or near due	●	●	●	●	●	●	●
F-69	The system automatically alerts the user to order new stock items based upon minimum quantities on-hand	●	●	●	●	●	●	●
F-70	The system stores purchasing vendor contact information	●	●	●	●	●	●	●
F-71	The system stores multiple vendors capable of supplying the same piece of equipment	●	●	●	●	●	●	●
<b>Training</b>								
F-72	The system requires significant up-front training	●	●	●	●	●	●	●
F-73	The system service provider can conduct training	●	●	●	●	●	●	●
F-74	System training is free or included in system cost	●	●	●	●	●	●	●

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<b>GIS/Mobile Integration</b>								
F-75	The system displays work orders by type in GIS	●	●	●	●	●	●	●
F-76	The system offers a dedicated mobile module for use in the field	●	●	●	●	●	●	●
F-77	The system provides for remote capture of work completion via mobile devices running Android OS	●	●	●	●	●	●	●
F-78	The system provides for remote capture of work completion via mobile devices running iOS	●	●	●	●	●	●	●
F-79	The system provides for remote capture of work completion via mobile devices running Windows 8	●	●	●	●	●	●	●
F-80	The system provides field access to GIS	●	●	●	●	●	●	●
F-81	User can create new work order in the field via mobile app	●	●	●	●	●	●	●
F-82	The system provides access to images (tif, gif, pdf, etc.) via mobile devices	●	●	●	●	●	●	●
F-83	The field application operates in real-time with data on the web version	●	●	●	●	●	●	●
F-84	The field application has the ability to operate "offline", or in a "semi-disconnected" mode.	●	●	●	●	●	●	●

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F-85	Users can link assets in GIS to work orders	●	●	●	●	●	●	●
F-86	The system has native support for the reading of barcodes	●	●	●	●	●	●	●
F-87	The system has third party support for the reading of barcodes	●	●	●	●	●	●	●
<b>SCADA</b>								
F-88	The system can be linked to SCADA and remote controls can be integrated	●	●	●	●	●	●	●
<b>Reporting</b>								
F-89	The system has a built in reporting module that does not rely on 3rd party software	●	●	●	●	●	●	●
F-90	The system provides the user with the ability to create ad-hoc reports through custom filtering of available data	●	●	●	●	●	●	●
F-91	The system allows queries/reports to be saved	●	●	●	●	●	●	●
F-92	The system allows stored queries/reports to be shared with other users within the organization's system	●	●	●	●	●	●	●

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<b>Hardware/Network/Database/Application</b>								
T-1	The system is deployed via browser-based solution	●	●	●	●	●	●	●
T-2	The system is compatible with a Windows 7 desktop operating system	●	●	●	●	●	●	●
T-3	The system is compatible with Internet Explorer web browser	●	●	●	●	●	●	●
T-4	The system is compatible with Google Chrome web browser	●	●	●	●	●	●	●
T-5	The system is compatible with Safari web browser	●	●	●	●	●	●	●
T-6	Software does not require hosting server	●	●	●	●	●	●	●
T-7	Software offers on-premise hosting solution	●	●	●	●	●	●	●
T-8	Software offers cloud hosting solution	●	●	●	●	●	●	●
T-9	The system allows on-premise backup option	●	●	●	●	●	●	●

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<b>Software (General)</b>								
T-10	The system supports a minimum of 35 concurrent users	●	●	●	●	●	●	●
T-11	The system accepts, stores, and displays graphic images	●	●	●	●	●	●	●
T-12	The system allows users to attach documents from other applications (e.g., PDF, Word, Excel)	●	●	●	●	●	●	●
T-13	The system is capable of attaching/linking to multimedia objects (i.e., video, graphic files, sound, etc.)	●	●	●	●	●	●	●
T-14	The system allows for modifications to reports, forms, and templates by an admin user after they are defined	●	●	●	●	●	●	●
T-15	The system allows users to sort records in forms/tables directly within the application	●	●	●	●	●	●	●
T-16	The system does not require browser plugins (Silverlight, etc.)	●	●	●	●	●	●	●
T-17	The system has the ability to operate "offline", or in a "semi-disconnected" mode.	●	●	●	●	●	●	●
<b>Security</b>								
T-18	The system has a Administration Module that allows a System Administrator to create and manage user access and passwords	●	●	●	●	●	●	●
T-19	System incorporates industry-standard cybersecurity and business continuity measures	●	●	●	●	●	●	●

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<b>Interfaces</b>								
T-20	The software is able to generate an output file in multiple formats (MS EXCEL, comma delimited, fixed width, etc.)	●	●	●	●	●	●	●
T-21	The system integrates with the suite of Microsoft products (v 2007, 2010, or Office 365)	●	●	●	●	●	●	●
T-22	The system is capable of importing and exporting from Microsoft Excel and Microsoft Access.	●	●	●	●	●	●	●
T-23	The system seamlessly interfaces with Exchange server and allows users to send emails either through Outlook or through the CMMS	●	●	●	●	●	●	●
T-24	The system seamlessly interfaces with Esri API-REST endpoints	●	●	●	●	●	●	●
T-25	The system provides an Esri ArcGIS extension for use within ArcMap, for its GIS power users	●	●	●	●	●	●	●
T-26	The software provides a dashboard that is customizable per user	●	●	●	●	●	●	●
T-27	The software provides a dashboard that is customizable per role	●	●	●	●	●	●	●
T-28	The software dashboard layout is customizable on the fly, without programming	●	●	●	●	●	●	●

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T-29	The software has standard KPIs or metrics that can be displayed graphically/visually on the dashboard	●	●	●	●	●	●	●
T-30	The software has a method for assessing and visually defining user-defined KPIs or metrics	●	●	●	●	●	●	●
T-31	Within the GIS interface, users can turn layers on or off	●	●	●	●	●	●	●
T-32	Within the GIS interface, users can modify the symbology of layers	●	●	●	●	●	●	●
T-33	Within the GIS interface, users can print a map (8.5 X 11 - Landscape & Portrait, 11 X 17 Landscape & Portrait)	●	●	●	●	●	●	●
T-34	Software requires third party implementation staff	●	●	●	●	●	●	●
T-35	Software contains third party components	●	●	●	●	●	●	●

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<b>Cost/Support</b>								
CS-1	Pricing determined on module-by-module model	●	●	●	●	●	●	●
CS-2	Pricing determined by defined user model	●	●	●	●	●	●	●
CS-3	Pricing determined by entity population model	●	●	●	●	●	●	●
CS-4	Software requires ongoing support and maintenance contract	●	●	●	●	●	●	●
CS-5	Software offers 24/7/365 Technical Support	●	●	●	●	●	●	●

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