<bd◆mit/>

Black Diamond
Maintenance Information Tool

"Maintenance Information When and Where You Want It"

If you maintain industrial equipment, your work involves real equipment, real problems and real time pressure. To be successful, you must be versatile, work quickly and have the proper tools.

One of those tools is information.

Do you have the information you need? When you need it? Where you need it?

How much time and effort do you spend trying to find current equipment information, maintenance history and manufacturer installation or repair information?

Are you relying on antiquated, limited information, 1930's technology, impossible to modify, riveted-on, metal maintenance tags?

Would you like to perform reliability data gathering, device inspections or load asset descriptions directly to your reliability database or asset manager without a lot of paperwork?

If you are looking for a practical, "rubber meets the road" maintenance information solution that's affordable, effective and can be implemented today.
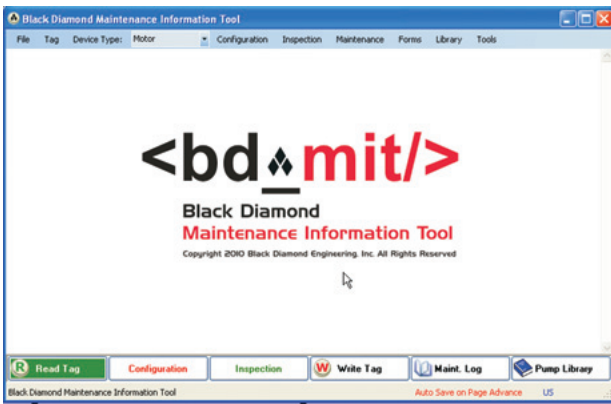
Look no further.

Black Diamond Maintenance Information Tool, BD MIT$_{tm}$, brings powerful, industrial data gathering, device management, custom interactive forms and digital tagging tools to your maintenance program.

At a per point cost only slightly more than a regular vinyl, wire-on tag, you can add sealed, stainless steel, 32 kb, digital tags, containing easily managed configuration, inspection and maintenance event information, to **ALL** of your maintained equipment: pumps, motors, valves, instruments, etc.
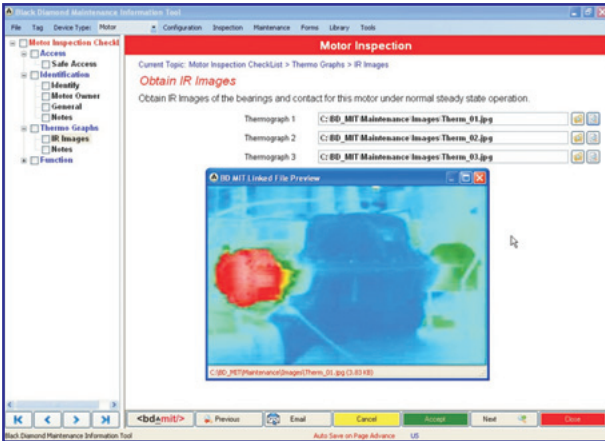
Additionally, BD MIT$_{tm}$ manages your device information directly to local databases and/or plant-wide reliability/asset manager databases using the popular, easily exchanged XML file format.

Although, BD MIT$_{tm}$ will run on any computer with Windows XP$_{tm}$ or Windows 7$_{tm}$ and a USB port, we offer a rugged, touch-screen tablet computer the size of a voltmeter, weighing a little over 2 lbs that is ideal for use in the harsh environment of the plant, mill or factory.
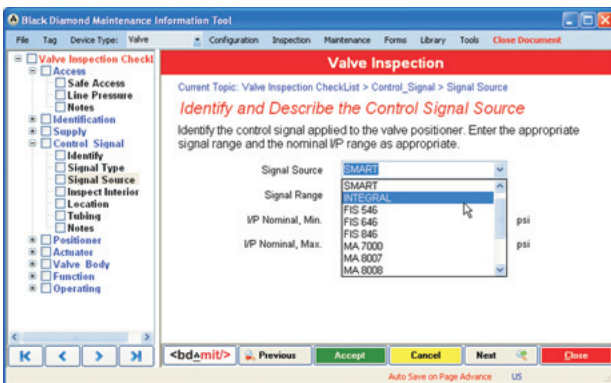
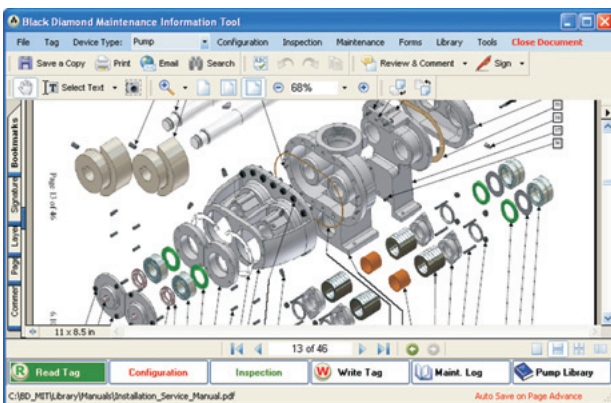All this, at a deployed system price less than a single purpose instrument calibrator.

Covered Tag Attachment
One of Several Mounting Options

- ✓ **All Equipment-Pumps, Motors, Valves, Instruments, etc.**
- ✓ **Economical and Reliable**
- ✓ **Configuration and Inspection**
- ✓ **Maintenance Events Logging**
- ✓ **Interactive, Custom Forms**
- ✓ **Customized Data Gathering**
- ✓ **32 kb Information per Tag**
- ✓ **Stainless, Industrially Rated**

Black Diamond
Engineering™

Customizable Interface, Designed for Touch Screen Operation

Thermographs, photographs and documents can be linked

Custom, Intuitive Checklist and Interactive Data Entry Windows

Five Managed Maintenance Libraries with Unlimited Content

Black Diamond
Maintenance Information Tool

BD MIT $_{tm}$ provides a full set of practical tools for gathering industrial maintenance information and managing large capacity, digital equipment tags**.**

Since this solution is not dependent on expensive, hard to deploy plant-wide systems, you can apply BD MIT$_{tm}$ right away and start saving both time and money.

BD MIT$_{tm}$ uses an intuitive check list and interactive input windows to document the device's configuration, installed condition and log maintenance events. These entry forms are easily customized for each device type, industry and application. All device types can be managed. To add a new device type, simply add the device name to the device list and BD MIT$_{tm}$ does all the rest.

Entry forms are created and modified by an integrated, straight-forward template generator designed for use by the people that know the equipment and the information needed best. New entry forms - no computer programming.

An unlimited number of custom, interactive maintenance, quality or safety forms can be managed. The output of these interactive forms can be emailed immediately or stored for later upload to the network.

Maintenance information is stored both on the tag and locally in the portable computer. Data is easily exchanged with other computers, applications and information systems using the popular XML file format, readable by both computer operators and computer applications. In addition, all popular file formats can be output.

Signatures can be captured with time and date stamp. Thermographs, photographs, sketches and documents can be viewed and linked to the exported xml data record.

Up to five pdf and video maintenance libraries can be managed, each containing an unlimited number of files. Manufacturer's maintenance manuals, reference materials and training videos are at your fingertips.

Black Diamond Engineering fully supports this tool with technical support, customization and integration services and effective, to the point, on-site training.

Give us a call and start saving...

Specifications for BD MIT^{tm} tags

- 32 KB Storage, locally on each tag
- 304 Series Stainless Steel, IP56
- -40 deg C to 85 deg C (-40 deg F to 185 deg F)
- 100,000+ Write Cycle Endurance
- 15 kVolt Built-in ESD Protection
- Designed to meet UL#913 (4th Edition); Intrinsically Safe Apparatus: Under Entity Concept for Use in Class 1, Division 1, Group A B C and D Locations. Certification Pending

Computer System Requirements

- Windows XP^{tm} or later Operating System
- Minimum of 64 MB RAM recommended
- Minimum 20 MB disk space required
- Acrobat^{tm} 6.0 or Later for Maintenance Libraries

Black Diamond
E n g i n e e r i n g ^{tm}

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