

- > Protect and manage distributed data with policy-based control
- > Prevent unauthorized data access
- > Secure data in flight *and at rest*
- > Destroy obsolete data to reduce risk
- > Simplify security administration with automated key management
- > Track data access and integrity for clean regulatory audits

BitArmor DataControl™ Software

Powerful new Smart Tag™ technology lets you protect *and* manage sensitive data — faster, more easily, and more cost-effectively than any other solution.

TRADITIONAL SOLUTIONS CAN'T KEEP UP

Most solutions that help companies secure or manage data — whether in flight or at rest — only work at specific *points* in the network. But as distributed data explodes across the enterprise, those points are multiplying so fast that traditional solutions can't keep up. You need to secure and manage data *everywhere* it goes, as it moves and while it is stored, without burying your IT staff in technology that's too complex to manage.

BITARMOR PUTS YOU BACK IN CONTROL

BitArmor solves that problem once and for all, with the introduction of DataControl™. This powerful new software cuts through the cost and confusion of point solutions and applies the security and management you need directly to the *data* itself. BitArmor gives you something no other solution can: the ability to truly control data throughout your organization with one, easy-to-use, easy-to-manage solution.

SMART TAGS TRAVEL WITH THE DATA

BitArmor DataControl software attaches a Smart Tag to each sensitive file, directory, or volume. The policies you establish for access, retention, and destruction travel with data in these patent-pending Smart Tags, regardless of where it is sent or stored. Data is always secure, and it is consistently managed, even outside of your firewall.

FAST, TRANSPARENT, EASY TO USE

BitArmor DataControl uses advanced, wire-speed encryption technology to protect your most sensitive information. It's so fast that users won't even realize it's there. And because BitArmor enforces policies without any user interaction, users won't have to change their normal work procedures.

DataControl is also transparent to existing applications, storage devices, and networks, so your IT staff can implement it without getting bogged down in costly customizations.

EASY TO MANAGE

DataControl automatically manages policies and encryption keys to reduce the burden on administrators. Policies for access, retention, and destruction are all accessible from a single console. DataControl's automated key management enables administrators to easily implement an organization's policies without having to manually administer *any* encryption keys.

GET YOUR DATA UNDER CONTROL.

Enforce data retention and access policies.

Strictly control who can access data and for *how long* they can access it with DataControl's access and retention policies. All policies are centrally managed and uniformly enforced wherever the data resides. You can ensure that only authorized users can access data, restrict access completely once data becomes obsolete, and even delete data permanently when you no longer need it.

Encrypt data wherever you want to.

With DataControl's flexible options, you can choose exactly what data to encrypt, and what data not to. Encrypt data only on laptops and select servers, or encrypt sensitive data throughout your enterprise. Access is uniformly controlled per the policies you set. Automated encryption key management means your data administrators don't have to take on an extra burden, and BitArmor encryption is so fast that it's completely transparent to users.

Track and audit sensitive data.

Receiving clean results on regulatory audits has never been easier than with BitArmor DataControl. Its Control Server captures all the data activities you choose, enterprise-wide, in a central audit log. You can record user and administrator activity, monitor both normal and abnormal file access, generate centralized data integrity check reports, and perform forensic diagnosis.

Data Security AND Data Management Features Give You Data Control

DATA ENCRYPTION

DataControl encrypts data throughout your enterprise regardless of where it is sent or stored. You can choose to encrypt data on certain devices or everywhere in your organization. All encryption keys are automatically managed from the central Control Server, so your data administrators don't have to take on an extra burden. And BitArmor encryption is so fast that it's completely transparent to users.

AUTOMATIC DATA CLASSIFICATION

DataControl includes a built-in system for automatic data classification to support efficient data management throughout your organization.

This classification can be used for data identification or to conduct BitArmor audit log searches. It can also be used by third-party Hierarchical Storage Management (HSM) or Information Lifecycle Management (ILM) products.

DATA RETENTION POLICIES

DataControl automatically manages the length of time for which data is available. Access to data is restricted once it reaches the end of its pre-defined lifecycle; either by a timed policy (e.g., "expires three years from today") or fixed-date policy (e.g., "expires October 3, 2020"). Retention policies travel with data in Smart Tags, are enforced by Control Agent software, and are automatically managed by the central Control Server.

ACCESS CONTROL POLICIES

DataControl provides dynamic access control with a cryptographically enforced Access Control List (ACL). Like other BitArmor policies, access control policies travel with data in Smart Tags so they are consistently enforced on different computers and as data travels over various networks. And access to controlled data is restricted once it reaches the end of its retention policy, so you can ensure that obsolete data won't be used for longer than it should.

DATA INTEGRITY CHECK

BitArmor's unique software architecture allows you to check the integrity of any controlled data. Integrity check policies travel with data in Smart Tags,

so any unauthorized changes to data are recorded from wherever data has been sent or saved. With BitArmor, you can instantly identify files, folders, directories, or volumes that have been modified since their creation or last use to complete security and regulatory audits.

PROGRAMMATIC DATA DESTRUCTION

BitArmor helps reduce the cost of maintaining obsolete data with programmatic data destruction. Administrators can completely, permanently destroy data when it reaches the end of its retention policy. Data can be destroyed whether it resides on laptops, desktops, servers, USB drives, or backup media — even if it has been transmitted as an e-mail attachment.

PROGRAMMATIC DATA DELETION

BitArmor can delete obsolete or destroyed data anywhere in the enterprise to reclaim storage for reuse. The deletion process is centrally managed and precisely controlled, so you ensure that only targeted data is erased.

COMPLETE AUDITABILITY

BitArmor provides a central audit log that allows you to track and capture many different types of data activity for security and compliance audits. Administrators set audit policies at the Control Server. BitArmor Control Agents then transmit data activity from users' computers back to the Control Server where it is recorded. In addition to user activities (reads, writes, authorized access attempts, and unauthorized access attempts), the audit log also records administrator activities, errors, and alerts.

ABOUT BITARMOR

BitArmor is the creator of DataControl™, powerful new software that provides a faster, easier, more cost-effective way to protect and manage sensitive data throughout any organization. Unlike traditional solutions that only deal with information at specific points in the system, BitArmor DataControl software attaches a Smart Tag™ directly to the data *itself* — a tag that travels *with* the data and allows you to secure, track, and control it regardless of where it is stored or sent. BitArmor helps companies protect valuable data assets, achieve regulatory compliance, and manage data throughout its functional lifecycle.

Three Gateway Center
401 Liberty Avenue
Suite 1900
Pittsburgh, PA 15222
412-682-2200

www.bitarmor.com