

SecureDoc: **Making BitLocker** **simple, smart and secure for you**

Your guide to encryption success

It's time to unlock unbelievable new BitLocker advantages

There is an encryption management solution out there that can help you effortlessly protect and take back control of your entire IT environment, including BitLocker. It can support you to not just deliver regulatory compliance but prove it, while cutting encryption management costs across your IT estate and ensuring a competitively seamless user experience.

The solution's name is the SecureDoc Enterprise Server. It comes from the encryption leaders at WinMagic and supports more hardware and software platforms than any other solution out there. It's the simple way to manage everything encryption, regardless of the platform, file or device type, helping you to:

 <p>Dramatically cut the cost of managing encryption across platforms</p>	 <p>Close the compliance gaps that BitLocker leaves and cut the risk of penalties</p>	 <p>Simplify management and reduce encryption helpdesk workloads</p>	 <p>Deliver a great user experience supporting uptime and collaboration</p>
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This handy guide walks you through the challenges and opportunities, showing you how you can take BitLocker from good to great.



Doesn't Microsoft BitLocker alone offer good enough protection?

The short answer is 'no'. BitLocker is a great solution, doing the focused work it specializes in brilliantly: delivering fast, integrated encryption protection for Windows environments. But BitLocker only covers Windows devices and also requires tools to enforce and prove compliance in the case of device loss or theft. Plus, it's costly to manage and uses complex PINS which get in the way of user productivity and workflows.

Your enterprise doesn't operate on only one platform or restrict data access to corporately owned devices. So, it makes sense that relying solely on the native encryption protection offered by BitLocker will leave you with significant security and compliance gaps.

Let's take a closer look at the pros and cons of BitLocker.

BitLocker does some stuff well. But it needs support.

Pros +

- **Native:** Because it's built-in OS encryption, it delivers better performance and compatibility than most third-party solutions
- **Complementary:** Some basic management tools are already included in MDOP for Windows Software Assurance/Volume Licensing customers
- **Integrated:** BitLocker is supported in Microsoft Azure with Azure Disk Encryption

Cons -

- **Costly:** Needs a lot of IT Helpdesk and management support; cannot manage macOS or Linux devices
- **Compliance gaps:** BitLocker - with or without MBAM - can easily be disabled or 'suspended' by certain users and applications, so you can't use it on it's own to demonstrate devices are in a compliant state after deployment
- **Management complexity:** Managing it requires a minimum of two servers and relies on open and insecure Group Policy Objects to manage data protection policies
- **User experience:** BitLocker without PIN authentication offers the lowest level of data protection, but with a PIN it's disruptive to users

Just add WinMagic and this picture is radically transformed.



Close down compliance gaps, once and for all.

Let's be frank: the main reason anyone deploys encryption is compliance. It's the number one driver for new installations and with GDPR now live, it continues to be a top IT concern. Because BitLocker doesn't come with centralized management, visibility and control, you can't use it to prove encryption protection, in the way regulators require. Any user with privileged administration rights can tamper with encryption settings and disable BitLocker, for malicious reasons or just because they find the complex PIN access obstructive or irritating.

An easy fix comes with integrating BitLocker with the SecureDoc Pre-Boot Protection and Monitoring solution from WinMagic, we like to call 'SecureDoc On Top'. This supports compliance across platforms, including FileVault2 for macOS and SEDs (Self Encrypting Drives), all managed from one unified and always-compliant dashboard.

- **Prevent tampering:** Block users from accidentally or maliciously disabling BitLocker protection
- **Reinforce protection:** Stop BitLocker being thwarted by passware and hardware vulnerabilities with robust pre-boot protection and MFA smartcard support
- **Govern and protect your mobile workforce:** With remote device management
- **Enable detailed, real-time reporting:** Proven to cut reporting time by as much as 60%, while providing the details needed for audits like historical data and user login activity





Take back control of spiralling encryption cost

Managing encryption keys is seriously difficult and costly across today's typically complex IT infrastructure. Managing BitLocker requires an investment in multiple new servers and hardware drivers and you still end up with a solution that leaves compliance gaps.

Adding WinMagic SecureDoc agent top of your encryption environment is the secret to improving encryption ROI across BitLocker and beyond. It gives you unrivalled intelligent key management tools that help you significantly reduce encryption effort and expense across platforms, improving ROI. SecureDoc always automatically opts for the best encryption available on your devices, for the best security at no added cost.

- **Unify how you manage encryption:** One centralized console lets you discover, protect and manage all your devices, including those running BitLocker or FileVault 2 for macOS
- **Make your investments work harder:** Deliver a valuable, unified view of company-wide data encryption without extra server, driver or upgrade expense
- **Drive up productivity:** SecureDoc enhances BitLocker so it delivers both seamless and secure user authentication, freeing your people to get on with business.



Effortlessly manage diverse and growing endpoints

BitLocker is a great foundation for Windows security. However, the lack of centralized management can leave you struggling with huge numbers of low-level helpdesk tasks such as password resets. Deploying SecureDoc is proven to help you conquer helpdesk workloads, cutting time spent on those low-level tasks by as much as 75%.

WinMagic also has strategic partnerships with thought-leaders such as Ivanti and SWIMAGE, helping to keep workloads encrypted and compliant during patches, upgrades and migrations – especially critical if you work in data-sensitive sectors such as healthcare or finance.

- **Simplify deployment:** Transform slow TPM activation, device provisioning and user registration with automated deployment and transparent user adoption.
- **Manage users, not devices:** Be empowered to simply add or remove Active Directory users to BitLocker-enabled devices, no PINs required.
- **Speed secure OS migration:** Encrypted drives can add 12-24 hours to OS deployment and migration. With SecureDoc and SWIMAGE, it's done in as little as one hour.



Transform user experience and adoption

In this new competitive era, security designed to liberate productivity, not hamper it, is the must-have. As a result, the user now takes a lead role on the security stage. Some enterprises even elect user groups to help influence and ensure more UX-friendly IT purchase decisions. BitLocker is great for locking down Windows, but it's not built with the user experience in mind. In fact, users need to remember lots of different and complex PINs to log on to every single device.

Why trade-off security with a great user experience? The SecureDoc pre-boot client sits effortlessly on top of BitLocker encryption, ensuring seamless access and uptime, letting you upgrade encryption protection without slowing down productivity.

- **Friction-free working:** Forget tricky 16-character PINs and multiple log-ons. A single sign-on and wireless networking eliminate friction points and improve uptime, all while leveraging fast built-in BitLocker encryption.
- **Collaboration first:** Securely exchange data across Windows and macOS devices, regardless of whether encryption is installed.
- **Faster recovery:** Store recovery keys in a separate secure database rather than Active Directory, with multiple fast recovery options also relieving helpdesk loads.





Why partner with WinMagic?

As respected industry leaders in intelligent encryption management, WinMagic always works ahead of the curve. Our home base in software encryption has evolved over the last two decades to now embrace laptops, servers, removeable media, data centres, hybrid cloud, virtual workloads and, most recently, hyper-converged infrastructures.

Beyond products, we offer true partnership. Not a one-stop solution, but strategic advice and an aligned approach that will support you as your business grows and technology innovation evolves. Partner us and you get 'roadmaps to reality' designed for ambitious enterprises that know where they're heading and need the right, progressive IT support.

Want to know more about better managing BitLocker and your whole encryption environment with WinMagic? We'd love to hear from you.

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