

Experion® Backup and Restore

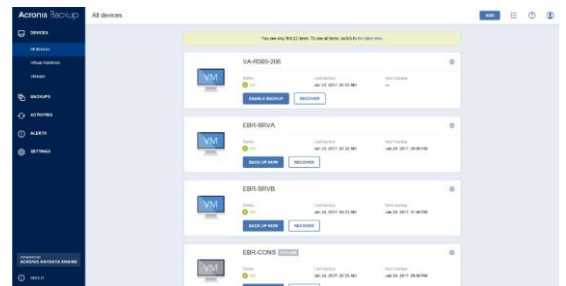
Product Information Note

Experion Backup and Restore (EBR) protects your Experion systems against disasters. EBR is simple to set up and operate in a running plant and provides real-time backup and fast disaster recovery assurance.

Operating an industrial plant takes a sizeable investment in equipment and intellectual property. A large portion of that intellectual investment resides in the computers used to control and monitor your processes. In the engineering phase of your project, you can take the time to stop and back up valuable data. However, once the control system is commissioned and running on-process, performing regular backups may be a difficult task.

EBR solves this problem by providing on-line, real-time backup of all Experion® nodes while allowing simultaneous use of the control system by operations. This keeps the plant running while completely securing the latest configuration data from your system. EBR is transparent to applications, with minimal effect on the performance of the target computer or the network, and the performance can also be adjusted to tune the system to your needs. After the initial backup is made, incremental backups are even faster.

Flexible scheduling options are available to meet the demands of the target machine. Sector-by-sector backups of all computer drives copy everything – operating system, drivers, service packs, application data, and even configuration information. EBR has been specifically designed to assure complete backup of Experion® nodes.



A central console provides convenient access to monitor and administer both virtual and physical machines. This console allows the user to remotely deploy backup agents, configure backup routines, and monitor alerts and events.

FEATURES & BENEFITS

Complete Protection

- A common backup solution for virtual and physical environments
- Backup everything – operating systems, all applications, all service packs, and all configurations
- Creates an exact replica of the system; you can recover a failed node to an exact point-in-time, with all data and applications intact

Advanced Technology

- Represents best-in-class technology to keep your plant running, with full operator access during backup
- Reduces server and workstation restoration times by up to 80% over traditional methods
- Rapidly restore from a catastrophic failure, typically in less than one hour

Flexible Configuration

- Automatically backup your complete Experion® system online to a file server, providing 24/7 disaster recovery assurance
- Store backup images to network attached storage and other supported media types
- On-demand or schedule backups
- Adjustable performance throttling for minimal impact

Simple to Operate

- Management console for centralized system control and remote administration
- Bootable restore CD/DVD with easy user interface
- Minimal user intervention to schedule and run backups
- Makes recovery efforts faster, simpler, more reliable, and highly cost-effective

Recover Quickly if Disaster Strikes

A backup system is only as good as its ability to get you back up and running after a catastrophic failure. EBR provides rapid restore via a recovery disk to enable you to recreate the node and get it going in minutes.

× Schedule

Off On

Backup scheme:
Always incremental (single-file)

Monthly Weekly Daily Hourly

Run every day
 Run Monday to Friday

Start backup at: 11:00 PM

Run the plan within a date range

From To

January 2017

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11

Today

DONE

Experion Backup & Restore provides easy-to-use wizards for manually or automatically creating system backups

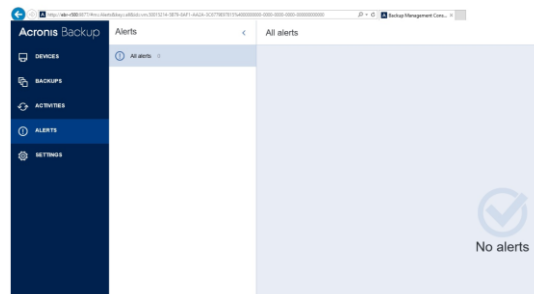
Simple to Configure and Operate

EBR offers a Management Server component that makes it easy to set up and run the entire backup system. The EBR Management Server provides convenient EBR software backup configuration and management for all nodes from a centralized server grade computer. EBR Management Server is an optional component, since the Management Console can be used as a local user interface at each target node and may be sufficient for a small system. However, Honeywell recommends using a separate EBR manager node for a large system where centralized backup management is required.

The EBR Management Server uses a Management Console to provide the administrator with a central location to manage target computer backup configurations, backup history, and backup destinations. The EBR Management Console makes it easy to do a number of tasks:

- Create a backup image of any drive for easy recovery
- Configure a daily, weekly or monthly backup schedule
- Restore files or folders from a backup image
- Monitor the status of created backup tasks scheduled

Why trust your valuable process control data to anything else?



With EBR, you can easily determine the backup status of target computers through alerts/event logs

For More Information

Learn more about how Honeywell's Experion® Backup and Restore, visit our website www.honeywellprocess.com or contract your Honeywell Account Manager.

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