BALLY ENTERPRISE PROGRESSIVE SYSTEM™

BEPS FREQUENTLY ASKED QUESTIONS

What is BEPS?

Bally Enterprise Progressive System (BEPS) is a powerful progressive management solution that lets you configure, manage, and audit progressives from one central location, no matter what casino management system (CMS) is used. BEPS is the perfect answer for replacing or consolidating existing progressive equipment. BEPS supports both symbol-driven and mystery progressive links for complete control and total flexibility.

Does BEPS support Aristocrat Hyperlink EGMs?

Yes, BEPS supports Aristocrat Hyperlink games that use SAS progressives. The top-box display would need to use Bally CoolSign.

Is a Bally CMS required?

A Bally CMS is not required to operate BEPS. BEPS provides a second SAS port solution (GMM) that connects with EGMs to communicate the required progressive information. SAS Legacy Bonusing is required for Mystery payments to EGMs.

What are the EGM compatibility and setup guidelines?

SAS 5.0 or greater with Paytable Progressive Support is required to have BEPS manage paytable progressives. SAS Paytable Progressive Support is not needed to have BEPS manage mystery progressives. Customers are responsible for working with (and paying, if necessary) EGM manufacturers to obtain the correct configuration and/or EGM software. For installations requiring a second SAS port, customers are also responsible for working with (and paying, if necessary) EGM manufacturers to obtain the correct configuration.

SAS multi-game and multi-denom EGMs, such as IGT Game King are supported. SAS allows up to 32 progressive levels to be configured per EGM. WMS Progressive Protocol will be supported in a future version of BEPS software. Scientific Games keeps a list of EGMs, including software version information, known to work with BEPS. If an EGM is not on the list, it must first be tested in a lab environment.

How many EGMs can BEPS support?

BEPS can support up to 10,000 EGMs per property or 20,000 EGMs per enterprise.

Is an Ethernet Floor required?

Ethernet connectivity is required for BEPS to work. Scientific Games has a Bally Super Slot Line product that facilitates Ethernet communication over existing serial wiring. BEPS can also run on top of an ACSC GMU-based serial floor.

What is BEPS' GMM?

The BEPS Game Monitoring Module (GMM) is the interface between SAS-based EGMs and BEPS, when a second-wire solution is needed. It can support up to 20 EGMs, and its first port can also communicate up to eight progressive levels, across 32 daisy-chained progressive meter displays.

What is Independent Mode?

BEPS is a mission critical application. If EGMs do not receive the progressive broadcast within five seconds, game play must be disabled. BEPS is often thought responsible for EGMs being disabled when customers have a database server/storage, virtual server, or network backbone problem. Customers should consider using BEPS Independent Mode for paytable progressives where bank or zone controllers can operate independently when there is a back-end service disruption, including BEPS service, WAN connectivity, network backbone, database server, or hardware failure. It is recommended that progressive links are not configured across Independent Mode banks or zone controllers.

Does BEPS support internationalization?

BEPS reports and user interface both support internationalization and have been translated into Spanish. Other language translations are possible based on customer needs.

What Microsoft products does BEPS operate with?

BEPS supports Microsoft Windows and SQL (2008 R2 and 2012 R2).

What is a mystery progressive?

A mystery progressive is where BEPS determines the progressive winner, based on each individual game wager by a player. Similar to paytable progressives, the wager is sent to BEPS as a meter value, and BEPS calculates the contribution amount. BEPS then uses this contribution amount to increment the progressive prize value and determine if the jackpot should be awarded based on a secretly selected trigger amount. If the contribution triggered the mystery award, the award is sent immediately to the EGM where the game was played.

Who can help us determine the correct mystery values for a link?

Ultimately, customers own the mystery configuration. Scientific Games sales support has mystery configuration experts that can also assist customers in deciding the best values.

Is Independent Mode supported for mystery progressives?

Currently, Independent Mode is not supported for mystery configurations, because BEPS is designed to generate, store, and compare mystery trigger values.

Why is SAS Legacy Bonusing required for mystery progressive payments to work?

Automatic fund transfers (AFT) are used by most slot management systems (SMS) for bonusing win transfers. Bally, Konami, and Aristocrat SMS vendors use AFT for bonus transfers, leaving BEPS to award mystery amounts using SAS Legacy Bonusing. IGT SMS defaults to SAS Legacy Bonusing, but can be switched to use AFT.

How many progressive levels are supported?

SAS supports 32 progressive levels per EGM. BEPS supports 2,000 progressive levels.

Does BEPS support proprietary WAP and LAP EGM offerings?

Proprietary WAP and LAP EGM offerings are generally managed by their respective vendor's progressive system or controller, and not through BEPS.

Can progressive meter audit times be reduced to save labor costs?

Yes, customers use BEPS' reporting features in lieu of labor-intensive, daily progressive meter reading, thus reducing labor costs.

Does BEPS have custom reports?

Yes, BEPS has incorporated Microsoft SQL Reporting Services to provide custom report writing abilities.

Does BEPS support an RSS data feed for displaying progressive values and jackpot amounts on websites and mobile applications?

Yes, BEPS supports RSS feeds for marketing purposes.

What signage solutions is BEPS compatible with and what are the setup guidelines?

BEPS interfaces with CoolSign, Alpha Video Castnet, Four Winds Interactive, and Paltronics media displays. A GMM is required for BEPS to communicate to Paltronics, Mikohn, and Spectronix progressive meters. Its first port can communicate up to eight progressive levels across 32 daisy-chained progressive meter displays.

Why is a site survey required before installing BEPS?

Prior to installing BEPS, it is important to determine EGM and signage cable types and counts, GMM, GMM software versions, four port expansion module counts, and other important details. After the site survey and prior to installation, customers must inform Scientific Games if any EGM or signage changes to the proposed site survey configuration have occurred. Any EGM or signage configuration that has not previously been tested with BEPS, must be verified in a lab environment before connecting to a production BEPS system.

What's the difference between a single-wire and second-wire BEPS configuration?

For Bally SDS and ACSC systems that use MC350 or NT GMU, BEPS can piggyback progressive communication from that GMU, so that a second-wire solution is not required. A second-wire (second SAS port) solution (GMM) is available for non-Bally SMS systems to communicate with BEPS.

Does BEPS support standalone progressive EGMs?

Yes, popular EGMs from Bally and IGT both allow progressive configurations in either standalone or linked mode. It's possible to configure a standalone EGM progressive in linked mode and have BEPS manage the link, thus avoiding labor-intensive daily progressive meter readings on standalone EGMs.

Do we have to adhere to the BEPS system and storage specifications?

Yes, as part of the sales process, Scientific Games provides detailed system and storage specifications that cannot be deviated from without our prior approval. This is because your BEPS real-time database must respond quickly and needs a dedicated server. We do not allow customers to share the BEPS database server with other applications, because if the server's performance becomes slow, EGMs could become unplayable until performance improves.

What virtual products can BEPS operate with?

BEPS supports VMWare vSphere 5.1 and 5.5.

Can we configure BEPS for wide-area progressives?

Potentially - we evaluate each customer's opportunity before selling and licensing BEPS for wide-area progressive use.

Does BEPS support WMS EGMs?

We plan to support the WMS progressive protocol in a future BEPS release.

FOR ADDITIONAL INFORMATION, PLEASE CONTACT
YOUR BALLY SYSTEMS ACCOUNT EXECUTIVE OR VISIT BALLYTECH.COM.