

Server Based Gaming (SBG)

The gaming industry is well known for its dynamism and rapidly evolving technology. Every milestone is met with innovation and new developments in technology from independent gaming vendors. Technology on the gaming floor is also diversifying with everything from handheld betting to downloadable Slots games, to interactive skill games that can be played at home or in a land based casino. But with a rapidly growing landscape, how does the casino vendor stay in control?

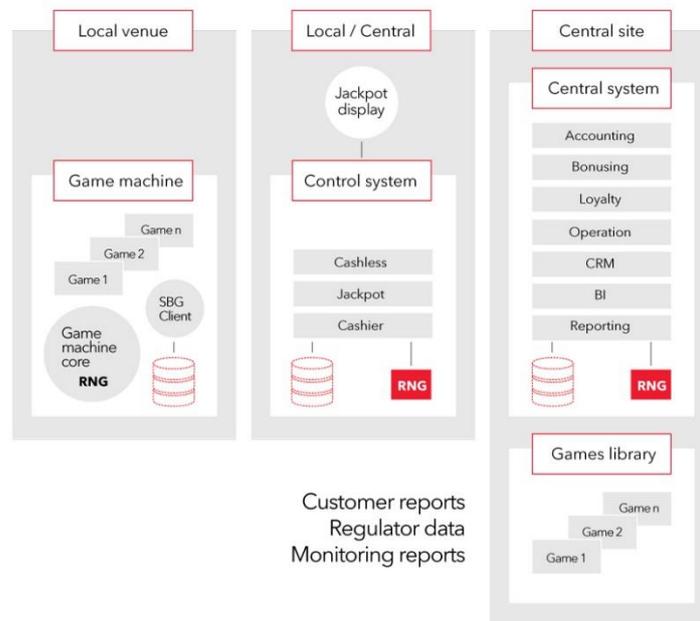
SBG PLATFORM

[sCore. Server Based Gaming \(SBG\)](#) is a solution employed by casino operators to operate gaming machines. The solution includes central system and gaming machines that connect to the control (local/central) system. The SBG system may be operated locally over a local area network (LAN) or span large geographical areas over a wide area network (WAN), such as the Internet. The gaming machines themselves must be authorized and connected to the control system. Different games can also be downloaded into game cabinets, whilst the SBG manager has complete control of the environment by changing a machine's games, denominations, bonus payouts and promotions from the central computer server.

GAME MACHINE

Each machine is upgraded with sCore SBG Client and communicates directly with the control system. The SBG Client is responsible for the communication with its existing gaming machine core and connects through standardized G2S protocol to the Control system.

Server Based Gaming Solution



Server Based Gaming Architecture

CONTROL SYSTEM

The Control System is a link between a gaming machine and the centralized server. It can be positioned on a local venue or as a standalone system, or alternatively as part of the central system. It controls the status of the gaming machine, cashless operations and the jackpot system. All accounting data is sent through S2S protocol to the central system.

HIGHLIGHTS

- Game download
- RNG
- Central monitoring system
- Real time monitoring
- Higher security



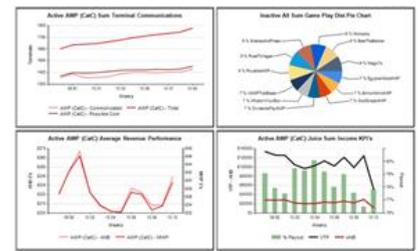
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COMTRADE GAMING AS YOUR TECHNOLOGY PARTNER

- Gaming platforms
- Multi-channel support
- Open standards
- CRM/business intelligence
- Operational support
- Server based gaming

CENTRAL SYSTEM

A Central System stores data where various reports are prepared automatically and sent directly to the operator. BI features also enable a different view of the collected data whilst a game storage area is available in the central system. This is where SBG Managers can install games on selected machines with just a few clicks. The RNG module can be positioned on any existing game machine or form part of the local control or central system - the central system supports more than 100 control systems in total.



BENEFITS

- Game download feature includes new games and game updates
- Access to a variety of games already available
- Central monitoring and configuration with real time connection
- Software, hardware and peripherals can be disabled/enabled remotely
- Centralized Random Number Generator
- Central reporting, CRM and BI system
- Low risk for piracy

PLATFORM DEVELOPMENT GOALS

Comtrade building blocks are designed in such a way that they support a wide variety of jurisdictions. The specially designed building blocks also support high end graphical features and games development cycles, and are designed to complement a number of standards that include G2S protocol.

YOUR VISION REQUIRES THE RIGHT DECISIONS

With so many software solutions on the market, it is hard to decide which solution best suits your needs. At Comtrade, when reengineering a gaming infrastructure it is imperative that this is done optimally. We can also assist with consulting and engineering advice in order to build a well-structured solution. Typical engagement can be either independent software development or built to your specification and requirements. For easy integration we have a number of standard building blocks that form a starting point for the customer that includes integrated features. Full documentation is also provided as part of our 'no lock-in' guarantee.

A WORLD CLASS GAMING COMPETENCE CENTER

Comtrade Gaming Competence Center is one of the world's top gaming software R&D labs, providing services to leading casino vendors. We maintain our excellent track record by demonstrating:

- Thorough understanding of the problems our clients face in a fast growing market
- Wide-ranging and proven knowledge in all key areas of gaming and gambling
- Significant experience with worldwide gaming regulations and certifications
- Expertise in multi-vendor platforms, technologies and tools
- Dedication to engineering excellence and robust technical solutions
- A pool of immense software engineering talent



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Comtrade Gaming is a leading independent software supplier to the gaming industry, delivering open gaming platforms and professional services to both the online and land based gaming sectors. Comtrade Gaming's strengths are in the development of enterprise software solutions that are based on industry standards. The company's product portfolio includes online gaming platforms, server based gaming systems, live casino and solutions which enable regulators to monitor and control gaming activities. www.comtradegaming.com

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