HIGHLIGHTS

- Casino floor modernization

- G2S protocol engine

- Remote download and configuration

- Gaming machine management

- Media display technology

- GSA certified

sCore Connect

sCore Connect is a solution that enables existing Casino Management Systems (CMS) or new host applications to communicate directly with gaming machines using Game To System (G2S) protocol.

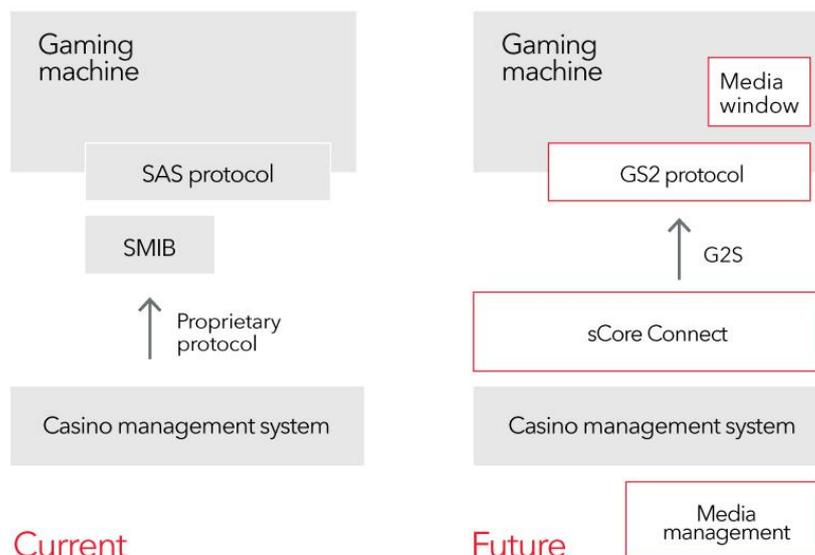## WHAT IS A G2S PROTOCOL AND WHAT DOES IT BRING?

G2S is the protocol developed by the Gaming Standards Association that connects the slot machine to the host systems. It implements functionalities that are covered by existing protocols and enables new features like software download, remote configuration, and remote software verification. Many gaming machines already come with G2S support and therefore enable casinos to modernize their floor operations with new features like engaging players via new media displays that were not available in legacy protocols.

G2S is an Ethernet based protocol that doesn't require any additional hardware to be installed on a gaming machine. Such hardware, usually referenced as Slot Machine Interface Boards (SMIB), often include displays and card readers that increase its cost. G2S based casino floor operations are therefore more cost efficient since game machine is implemented with all necessary functionalities.

NEW FUNCTIONALITIES ENABLED BY G2S

With sCore Connect host systems can also be extended with new functionalities. Among several possible applications, we would like to introduce the two of them:

- Efficient remote management of gaming machines with software download, remote configuration, and remote software verification. Examples include deployment of new games, distribution, installation and verification of game machine software packages and new versions of peripheral device firmware.

- Media display technology offers a channel to implement services ranging from marketing oriented advertising, hospitality oriented service like purchasing of tickets or rooms, to more basic functions like player tracking, player protection and cashless Player User Interfaces (PUI). All these give operators a personalized and unified look and feel over several machine vendors.

Picture 1: Current and future gaming floor communication using G2S protocol

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IMPLEMENTATION OF G2S PROTOCOL WITH SCORE CONNECT

The main purpose of sCore Connect is to implement complete G2S stack in a way that it can be integrated as a communication engine between existing host systems and new G2S capable slot machines. Complexity of the G2S protocol including support for several versions is handled internally within sCore, allowing a simplified integration with the host systems, that doesn't have to change every time a new update or extension of G2S is released.

All messaging, security, complex data structures, state transitions and specific data collections are performed by sCore in GSA compliant way. The system is scalable to connect to several thousand machines within a big casino or tens of thousands machines within a distributed gaming environment.

BENEFITS:

- no need to fully understand protocol specific messaging, structures and workflows
- quick time to operation
- easily manageable solution
- enhances investment into existing systems and gives them new life
- flexible licensing models

COMTRADE GAMING'S SCORE PRODUCT FAMILY

sCore Connect is a part of Comtrade Gaming's sCore, The Gaming Systems Management product family that consists of:

- sCore, Central Control System designed especially for gaming regulators, enabling them to monitor all gaming activities within a country in real-time;

- sCore, Server Based Gaming designed for operators, enabling them to deliver a better player experience through the central management and control of terminals;

- sCore Connect designed for gaming operators and vendors, enabling them that their CMS and gaming machines communicate directly.

Comtrade Gaming has been awarded Certificate of Compliance from the Gaming Standards Association (GSA) for its sCore G2S Protocol Engine for meeting the requirements of the G2S v2.1 protocol.