



ANNUAL MEETING 2019

October 16 – Las Vegas, NV



WELCOME TO GSA COCKTAIL RECEPTION & ANNUAL MEETING

Thank you to our legal counsel and sponsor:

Howard & Howard

law for business®

For the past two decades, participants in each of these industry segments, both in the U.S. and internationally, have relied upon Howard & Howard's team of experienced gaming and casino attorneys to assist them in the varied legal matters involved in the industry.

Howard & Howard has the most diverse and greatest combined gaming industry legal experience available, including experience within the industry as in-house counsel. In addition to providing counsel on typical business issues, our team offers our gaming industry clients distinctive benefits over other law firms in a number of key areas.



GAMING STANDARDS



ASSOCIATION

Platinum Members



Gold Members



Silver Members



Bronze Members



Affiliates / Advisory



NEW MEMBERS

Abaris Inc., USA

AlphaSlots, SINGAPORE

Grover Gaming Inc., USA

Incredible Technologies Inc., USA

M3 Technology Solution LLC, USA

PSM TECH S.U.R., ITALY

PVS Australia Pty Ltd, AUSTRALIA

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2019 UPDATES

■ **GSA Europe**

- Continued to act as Project Leader for CEN (European Standards Organization) TC/456 creating a pan-European “Reporting in support of supervision of online gambling”
- Successfully integrated all applicable sections of GSA’s Regulatory Reporting Interface into the TC/456 standard receiving European Member State approval in the first informal all member vote
- Assisted Malta Gaming Authority to adopt GSA's Regulatory Reporting Interface as part of the Malta National Standard
- Continuing to drive harmonization of TPI 1.0 with European members
- Spoke at WGES Barcelona on Regulatory challenges and how standardization is a must

■ **GSA Asia**

- GSA will provide additional training to our educational partner MPI in Macau on Dec 2
- On going discussions with Asian based operator
- GSA will be present at the G2E Manila conference

■ **GSA Japan**

- Announced GSA support in Japan
- Established draft Japanese Bylaws and Policies
- Next steps will be discussed during the board strategic meeting on Nov 5

2019 UPDATES

- **Continued to focus on Education**
 - Created Whitepaper on DDS: The benefits of Data Distribution Service (DDS) for the gaming floor
 - Created Whitepaper on Blockchain: The benefits of blockchain technology in casino gaming
 - Created webinar sessions and looking to build partnerships to handle production, launch and distribution
- **Proposed iGAT+ for Regulators**
 - A G2S-based regulatory GAT and Meter collection solution for the RC
- **Created GSA Wikipedia page(s)**
 - GSA Article for Creation draft submitted to Wikipedia. Article is currently undergoing Wikipedia editor review process before submission for inclusion on the Wikipedia website.
- **Continue to build GSA library**
 - G2S: Unleash the power of your floor – The value that G2S deliver to an operator – **2nd edition**
 - TPI: Unleash your content choices – How TPI enables more game content for an operator
 - Regulatory Guide to GSA Standards - The value GSA delivers to a regulator - **in progress**
- **Website update – ‘Look Inside’ is now available for all GSA standards**
- **Launched GSA 2019 Technology Summit on AI**

TECHNICAL REPORT

Standards Updates

- **Game-to-System (G2S) v3.1**
 - Extension for capturing meter deltas in player sessions.
- **EGM Media Display Interface (EMDI) v3.1**
 - Corrections and clarifications only.
- **Player User Interface (PUI) v1.1**
 - Added PUI requirements for large portrait displays.
- **Package Manifest File Format (PKG) v1.1**
 - Extension for supplying language-specific error messages.
- **Game Authentication Terminal (GAT) v4.2**
 - Requirements for directory signature calculations.
- **Gaming Device Standard (GDS) v1.4**
 - Corrections and clarifications only.
- **Peripheral Manifest File Format (PRF)**
 - No changes.
- **Simple System Interface (SSI) v1.1**
 - Added communications, voucher, and WAT resources.
- **Network GAT Interface (NGI) v1.1**
 - Extension for requesting authentication of multiple components.
 - Extension for requesting passthrough authentication of end-clients.
- **Trusted GAT Results File Format (TGR)**
 - No changes.
- **Transport (XPT) v2.1**
 - Corrections and clarifications only.

TECHNICAL REPORT

Work In Progress

- **Certification Database Interface (CDI) v1.1**
 - Added product shipment resources.
 - Final committee vote scheduled for October 16 followed by GSA board process review and then member vote.
- **Third-Party Game Interface (TPI) v2.0**
 - Lots of additions and improvements based on initial implementations of TPI v1.0.
 - Expect to have an initial draft in early 2020.
- **Regulatory Reporting Interface (RRI) v1.0**
 - Evolving to include more types of games, including land-based games.
 - Trying to stay aligned with the work in Europe to develop a standard for online gaming (CEN TC 456).
 - Expect to have an initial draft in early 2020.

2020 PRIORITIES

- **Board strategic meeting areas of focus:**
 - Renewed support for industry and business realities
 - GSA Europe
 - GSA Japan
 - GSA 2020 Technology Summit – Internet Of Things / Augmented Reality / Virtual Reality
 - Industry Education
- **Membership input welcome** – pls send to sec@gamingstandards.com
- Strategic meeting will take place on Nov 5 in San Diego, CA

ARTIFICIAL INTELLIGENCE FOR THE CASINO INDUSTRY

A GSA Technology Summit series

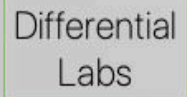
Earle Hall – CEO, Andrew Cardno – CEO, Markus Van Kempen – CORP STRATEGIC EXEC, Travis Siegfried – Global AI ENG

Dr Stasi Baran – COO, Dr Johannes Wilms – SR DATA SCIENTIST, Dr. Gavin Clarkson – MD, Clayton Peister – MD

Simo Dragicevic – FOUNDER & CEO BetBuddy, Dr Ralph Thomas – FOUNDER & PRESIDENT, John English – MD

Amit Likhyan – ACC EXEC, George Yang – FOUNDER & CEO, Joe Pisano – FOUNDER & CEO

Kiran Brahmmandam – CEO, Nimish Purohit – SR DIR COMPLIANCE, Mark Pace – MD



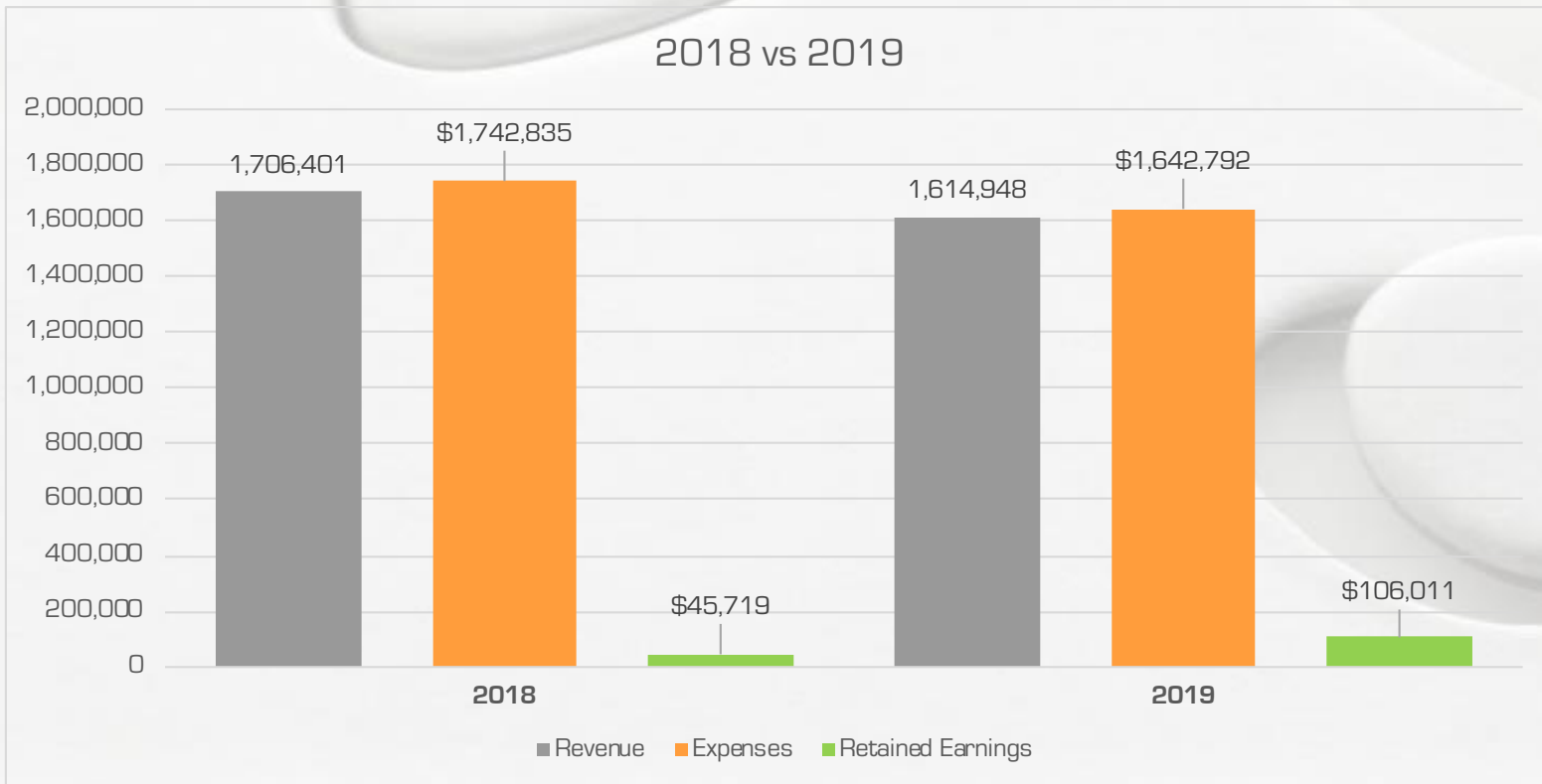
SAN DIEGO 6 – 7 NOV 2019
Hyatt Regency, LaJolla, CA

ARTIFICIAL AND HUMAN INTELLIGENCE

18 COMPANIES
17 SESSIONS
2 DAYS



FINANCIALS



Revenue down 5% | Expenses down 6% | Retained Earnings up 132%

22 YEARS OF INDUSTRY
COLLABORATION

