Michael Saunders

Co-Founder and Chief Technology Officer

Michael Saunders' role as Chief Technology Officer at EPH grants him the responsibility for all research, development, testing, application, support, and maintenance of EPH products and technologies. In fulfilling these responsibilities Mr. Saunders brings his many years of experience and understanding of various technological disciplines and leadership to all aspects of EPH business endeavors. As such, he is an invaluable member of the EPH business development team.

As both a systems engineer and software architect, Mr. Saunders authored and/or co-authored numerous provisional patent applications, filings, office actions and continuances culminating in patents being awarded relating to conventional and internet gaming, and was the innovative lead and/or chief architect of many innovative advances in the Gaming Industry, including:

Pseudo-random number generation and statistical analysis systems;
Electronic design, development, prototyping, testing and compliance certification systems;
Software script interpretation and programming language systems design and development;
Inter-process electronic and software interface design and development;
Interrupt driven background process design and development;
Gaming device predictive statistical analysis systems;
Gaming device manufacturing computer numerical control (CNC) systems;
Gaming device 3GL semi-automated software language/generation systems;
Gaming device card based transaction management systems;
Remote/unmanned Gaming device control and security systems;
Gaming device real-time computer controlled unmanned play and analysis systems;
Inter-casino process integration, centralization and decentralization systems;
Cash and cashless transaction management systems;
Gaming analysis. accounting and auditing systems;
Ticket-In/Ticket-Out transactions management and tracking systems;
Player tracking and bonus management systems;
Gaming player marketing and promotions management systems;
Wide area networked (WAN) gaming applications and security systems;
Resource/asset allocation/tracking systems;
MRP/II systems;
Very large scale LED and incandescent display technologies design and development;
Process/flow control systems design and development;
Numerous complex secure communications systems;
Encryption/decryption storage and communications protocols and systems;
Distributed device control systems;
“Transport Layer” and above packet switching network systems development; and
Multi-CPU shared buss device design.

All of these applications and efforts were carried out as an integral part of the design, specification, technical specification, development and in many cases deployment teams of the product, service or system as stated. Most were achieved as the senior engineering manager or chief architect of the project with a very “hands-on” approach and high degree of participation in the technical detail.

Mr. Saunders' track record in taking products from concept to market has attracted numerous start-up venture groups to request his assistance. One such approach inspired him to embark independently on a new journey into the mysterious world of microbiology. This ultimately led him to invest years of research and development aimed at enhancing the measurability of microbiological reactions under specifically controlled environmental conditions. Years of research and development proving the achievable marriage of technology and organics is manifest in compounds that demonstrate truly incredible beneficial properties for organics.