

DPX® SAS Connector SDK

Slot Accounting System (SAS) Protocol Integration Framework for DPX Gaming Platform



Features

SAS Protocol Library

- Comprehensive SAS v6.03 protocol library
- Support for defined SAS meters and event reporting (over 175 meters / 150 events)
- Deterministic event handling

SAS Functional Coverage

- Accounting and metering
- Multi-game support
- Ticketing (TITO)
- Funds transfer functionality (AFT / EFT)
- Support for progressives, tournament, and jackpot/handpay workflows
- International currency and denomination handling

Platform Integration

- API support for C/C++ and C# (.NET) integration
- 9-bit SAS protocol support without additional hardware
- Field proven and approved by regulatory agencies globally



Introduction

DPX SAS Connector SDK provides a driver and API environment enabling OEM game software to interface with SAS-compatible host systems when deployed on supported DPX gaming platforms. The SDK abstracts SAS protocol handling, including timing and transaction sequencing, allowing application software to integrate SAS communications through a defined interface.

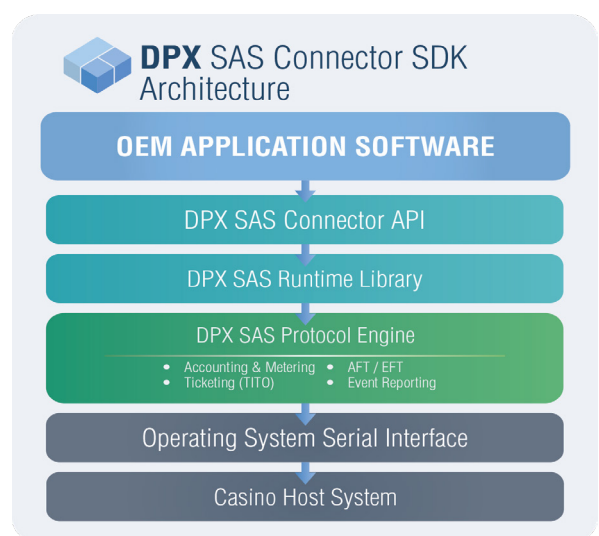
Licenses for DPX SAS Connector SDK are available for supported DPX platforms at an additional cost.

Architecture & Capabilities

DPX SAS Connector SDK provides a runtime library and API interface enabling application software to record, respond to, and transact using SAS events, polls, and commands through a defined interface layer.

The runtime interface is designed to integrate efficiently with application software and provides an operating-system interface layer intended to minimise overhead.

SAS runtime communication operates exclusively through standard PC COM ports.



Package Contents

The SDK package includes:	SAS modules (libraries / drivers) implementing SAS protocol handling
	SAS/GAP interface assets: C/C++ header files and a C# object model
	Sample/demonstration application with C/C++ source code
	Documentation including workflow/state guidance for SAS operations (ticketing, funds transfer, handpays)
	Access to support resources (documentation/FAQs/updates)

System Requirements

Development Environment	Supported Windows and Linux operating systems aligned with the selected DPX platform
	SAS-compatible host system connectivity
	Appropriate communications interface for SAS connection
	Standard OEM development toolchains
	C/C++/C# integration supported
	Supported operating systems aligned with the selected DPX platform
Target Platform	Supported DPX Series motherboard or integrated system

Integration & Compatibility

DPX SAS Connector SDK is designed to integrate into OEM application software via a defined API and runtime environment, supporting SAS communications with SAS-compatible host systems.

The SDK is field proven and with multiple success approvals from regulatory labs (GLI, NVGCB and other around the world).

Benefits

- Structured SAS communications framework
- Supports consistent SAS meter/event handling across regulated deployments
- Maintained and supported SDK environment

OEM Customization and Product Development

Advantech Gaming Solutions provides PC-based hardware and software design services for regulated gaming applications, supporting customized platform development and long-term product lifecycle management.

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