

HANN CASINO RESORT APPLICATION OF MOXA NPORT 5150

USING MOXA SERIAL-TO-ETHERNET DEVICE SERVERS TO PROVIDE ETHERNET CONNECTIVITY FROM ANYWHERE ON THE NETWORK, INCLUDING OVER THE INTERNET USING TCP/IP PROTOCOL

APPLICATION:	Slot machines, bacarrat ,blackjack, and poker tables connectivity
INDUSTRY:	Casino
REGION:	Clark, Pampanga, Philippines

SYSTEM REQUIREMENTS

- Serial device servers which supports a variety of operating modes, including TCP Server, TCP Client, UDP, and Real COM
- Industrial Grade and Rugged design to withstand harsh conditions, such as high temperature , and humidity in a 24/7 operation setting.

INTRODUCTION

Hann Resorts is a luxurious integrated resort brand consisting of Hann Casino Resort and Hann Reserve, and they offer the ultimate experience of play within a world-class hospitality, leisure, gaming and business destination.

They are one of the fastest growing hotel and casino groups in Clark, Pampanga, Philippines. Yet, they are more than just the best leisure destination, they are a resort where everyone can play. Gourmet dining, exciting retail and relaxing spas combine with our generous outdoor pursuits such as world-class golf, zip-lining and mountain biking to form a complete lifestyle, where our guests can escape the ordinary and enter a world of pure play - where they can play bold and live bold. We are the ultimate luxury playground for gamers, golfers, families and groups of friends alike, looking to relax, play and indulge.

MOXA SOLUTION:

NPort 5100 device servers are designed to make serial devices network-ready in an instant. The small size of the servers makes them ideal for connecting devices such as card readers and payment terminals to an IP-based Ethernet LAN. Use the NPort 5100 device servers to give your PC software direct access to serial devices from anywhere on the network.

Using serial device servers to connect legacy serial devices to Ethernet is now commonplace, and users expect device servers to be cost-effective and to provide a broad selection of useful functions. With its full support of Microsoft and Linux operating systems and solid 5-year warranty, the NPort 5100 Series provides the best choice for serial-to-Ethernet converters.

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WHY MOXA:

Reliability:

The NPort 5150 is a reliable device server that is designed for industrial and commercial applications. It has a wide operating temperature range (-40 to 75°C) and supports a variety of operating modes, including TCP Server, TCP Client, UDP, and Real COM. This makes it ideal for use in casino environments, where reliability is critical. Substations are operating 24/7. This means that the devices that are used in Power Substation, need to be reliable and able to withstand continuous use. MTBF(Mean Time Before Breakdown) is 2,736,202 hrs.

Security:

The NPort 5150 supports authentication by Local database (password). This helps to protect the Substation network from unauthorized access.

Performance:

The NPort 5150 is a high-performance device server that can handle a large number of concurrent connections. This is important for Substations, where Revenue Meters need to be able to communicate with the Substations central server in real time.

Ease of use:

The NPort 5150 is easy to configure and manage using Moxa's NPort Device Utility software. This makes it easy for casino staff to set up and maintain the device server. It supports the TCP/IP protocol, which is widely used in today's systems. This allows the NPort 5150 to be used to connect slot machines and baccarat tables to the casino's building automation system, which can be used to control the temperature, lighting, and other environmental conditions in the casino.

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SYSTEM ARCHITECTURE:

