

A piece of France in Britney Spears' "Piece of me"

Integrator:

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Context:

In late December 2013, the opening of Britney Spears "Britney: Piece of Me" at The Axis at Planet Hollywood, marked the culmination of a technical renovation of this mythical Las Vegas concert venue. The 7000 seat theatre was transformed into a technically agile production space, thanks to SAVI USA's design build infrastructure embedding AuviTran's Audio ToolBox products, a piece of France within this brand new system.



Audio ToolBox features match the venue requirements

When deploying their design build infrastructure, SAVI USA team aimed at providing the facility with a multipoint system where audio could be accessible almost everywhere, as well as a flexible, expandable-as-you-go system.

An extensive design using Gigabit Ethernet and fiber optic networks helped realize the potential and efficiency of DANTE technology. AuviTran's Audio Toolbox have been chosen for their extreme flexibility and expansion capability, thus helping SAVI USA teams to meet their target.



List of equipment involved

Node 2:

- 1x AVBx7-DANTE
- 2x AxC-DS32IO
- 3x AxC-AE8IO
- 1x AxC-MADI

Node 3:

- 1x AVBx3-DANTE
- 1x AxC-DX80
- 1x AxC-DS32IO

Node 4:

- 1x AVBx3-DANTE
- 1x AxC-DX80
- 1x AxC-DS32IO

Node 5:

- 1x AVBx7-DANTE
- 2x AxC-DS32IO
- 3x AxC-AE8IO
- 1x AxC-MADI

Node 6, 7, 8:

- 1x AVBx3-DANTE
- 1x AxC-DX80



Building a smart system

The system architecture relies on the implementation of a series of "Node" rack locations, each containing an Audio ToolBox to access audio signals. Each of these locations has been assigned basic functions, with audio pulled from or put on the DANTE network for system tasks such as feeding main system amplifiers with AES signal or providing program feeds. Flexible functions, such as allowing assignable audio I/O or protocol translation for translating feeds via MADI, are also implemented through this system infrastructure.

