iOmniscient
Intelligent Surveillance Solutions

...see through the crowd

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Mango DSP Video Server Embeds iOmniscient's Intelligent Video Surveillance
Mango DSP and iOmniscient join forces to create the latest embedded solution

Mango DSP, developer of the Raven IVS family, the worlds most advanced Intelligent Video Servers, has entered a partnership with iOmniscient, developer of the IQ Series, the World's most Intelligent Video Surveillance software.
Working together, Mango DSP and iOmniscient are developing the Raven iQ Intelligent Video Server which will possess all of iOmniscient's intelligent capabilities into a single Raven IVS enabling the video analysis at camera level, seeing it become the most comprehensive and intelligent hardware solution ever.

Possessing the "brainpower" of iOmniscient's entire IQ Series, the Raven iQ Intelligent Video Server is the only video server to accurately operate in crowded areas with capabilities including Abandoned Object Detection in a Crowd, Theft Detection in a Crowd, Crowd and Traffic Management, Counting in a Crowd, Perimeter Protection and Intruder Detection.

"The decision to partner with Mango DSP was easy to make. Mango DSP are greatly committed to customers and demonstrate a high level of technical expertise, providing exemplary service and dedication to providing highly advanced and efficient surveillance solutions."
- Dr Rustom Kanga, CEO, iOmniscient

"iOmniscient has developed high-end advanced surveillance software and technology which provides the capabilities that the Homeland Security market is eager for. The flexibility and commitment of iOmniscient's staff to its costumers and partners ensures us that the joint forces will lead to the Raven IQ - a combined technology of iOmniscient advanced surveillance software embedded into Mango Raven high end video servers."

-Baruch Peled, CEO, Mango DSP

Video transmission can place heavy and often unnecessary loads on network bandwidth consumption. Although iOmniscient already counters this issue by operating with relatively low frame rates, the Raven iQ Intelligent Video Server will assist in minimizing this heavy load by enabling the analysis to be completed within the video server itself at camera level, with bandwidth reserved for the times when there is an event to transmit, or for strategic cameras were the constant stream is important.

Mango DSP is a leading system developer of video processing DSP based solutions with a large range of products designed for the Homeland Security, Video and Imaging markets.

Mango DSP has developed the state of the art Mango Intelligent Video Servers {IVS} consists of Mango DSP's IVS software embedded into the Raven and DaVinci based Pegasus board families. The Mango IVS Streams the manipulated video with a variety of video compression standards already integrated into the DSP. The Mango software allows easy integration of algorithms on the Mango IVS; the leading content

Australia ▪ United States ▪ Canada ▪ UK ▪ Europe ▪ Asia

analysis providers have already integrated with the Mango IVS enabling to analyze the video at the camera level. This solution enables video security devices to analyze video streams and apply a large set of user definable rules.

iOmniscient has been recognized as the leader in Intelligent Video Surveillance having won major Security Industry Awards in the UK, Europe, USA, Asia and Australia. iOmniscient's Non Motion Detection (NMD) products are the only products on Earth that can accurately operate in crowded scenes despite heavy motion and obscuration and is revolutionizing the way in which surveillance is being performed globally.
Based on Artificial Intelligence, iOmniscient's range of intelligent video analysis software has been implemented at many sites around the world.

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If you'd like more information about these topics, or to schedule an interview with Mango DSP or iOmniscient please call Oren Feldmann (+ 972 54 734 5611 / orenf@mangodsp.com) or Mathew Bertram (+61 2 9411 7667 / mathew@iomniscient.com) to make further arrangements.