



INTELLIGENT VIDEO ON A CHIP. **SIMPLE.**

ObjectVideo OnBoard is the gold standard in intelligent video. Industry leading software for digital signal processors (DSPs) and Intel CPUs that incorporates award-winning technology as an application embedded inside of cameras, encoders, DVRs or any video device.



The ObjectVideo OnBoard embedded technology program enables original equipment manufacturers (OEMs) to significantly increase the value and effectiveness of their solutions by incorporating intelligent video analytics into a wide variety of video devices.

The benefit to integrators and customers alike is less back-end hardware, faster implementation, lower power and cooling requirements, a smaller hardware footprint, thereby lowering the overall total cost of ownership. To view a list of OEM partners currently integrating ObjectVideo OnBoard solutions, visit www.objectvideo.com/partners/oem/.

ObjectVideo, TI and Intel have partnered to deliver ObjectVideo OnBoard on high-performance digital signal processors (DSPs) and the complete line of Intel Architecture CPUs. Now, ObjectVideo OnBoard is compatible with the entire TI DM64x generation of processors, and on Intel Atom, Xeon and Core 2 Duo, plus others.

END-USERS

- : Provides robust safety, security and business intelligence solutions
- : Offers flexibility in functionality and pricing
- : Lowers implementation and lifecycle costs, which lowers the long-term cost of ownership
- : Improves system performance
- : Enables simple upgrade path for new features, not requiring new software installs
- : Reduces hardware footprint and maintenance requirements because no backend, server-based component is required
- : Enables portable and mobile surveillance solutions
- : Optimizes utilization of network bandwidth and storage
- : Enables selective streaming of network video when required
- : Reduces overall system complexity and maintenance

ORIGINAL EQUIPMENT MANUFACTURERS

- : Allows incorporation of market-leading intelligent video capabilities
- : Offers a variety of feature packages and pricing models, creating ultimate flexibility in developing product offerings
- : Enables easy up-sell through feature activation, not requiring firmware uploads
- : Utilizes less than 25% of the TI DM642 @ 720MHz DSP, or less than 7% of an Intel Core 2 Duo T7400/4MB L2 Cache
- : Allows creation of focused, vertical-market products
- : Creates new sales opportunities with existing customers
- : Makes video content analysis more affordable to mass markets
- : Delivers advanced intelligence on top of existing and under-utilized processor-based video platforms