



Face Recognition

Component name	History data archival & retrieval framework		
Category (IP/ Reusable)	IP	Component type (HW/SW/product etc)	SW
HW Platform	Portable	Supporting OS	Windows XP SP2
Applications / applicable products	Security/Surveillance		
Market/ industries applicable	Any industry.		
Product Description	Recognize a face from a list of faces stored in a database. This will add value to any security/surveillance system as it works with simple webcam based input.		
Features /benefits	<ul style="list-style-type: none">➤ Identify a person of interest<ul style="list-style-type: none">• A watch-list can be maintained to identify some person(s) of interest• Face images that exceeds similarity threshold will be taken as positive match• For positive matches some notifications will be triggered➤ Verify Facial Images<ul style="list-style-type: none">• Verification measures the similarity between facial images and indicates a success or failure• Match accuracy (perfect, not sure, no match) is displayed to show reliability of the identified match by comparing the similarity scores with threshold values		
Readiness	Available, tuning required for improving accuracy		