CohuHD Business Overview

June 6, 2014





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CohuHD

60 years young...

The leader for outdoor, extreme environments

Who uses CohuHD cameras:

- Highways in 27+ States
- Nuclear reactors, utilities, mines, oil/gas
- U.S. Navy shipboard applications
- Military base security
- Missile guidance systems
- Border Patrol
- Cape Canaveral and SpaceX launches



Corporate HQ, Poway, CA





Marquee Customer Base!

















- Ames Wind Tunnel
- Alaskan Ice Road
- USS San Diego many other Ships
- Protecting Greek
 Aegean coast
- Princes' Palaces
- California Freeways
- Nuclear Power Plants
- Celebrity Yachts



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- Freeways of Rio
- Golden Gate Bridge
- Skyway Bridge Tampa, FL
- Saudi Oil Fields
- International Space Station
- German Train Stations
- Kennedy Space Center
- Stryker Armored Vehicles
- Protecting Borders Around the World

COHUHD

The Value of CohuHD

- Quality
- Service
- Innovation
- Product Overview
- Why Buy CohuHD?







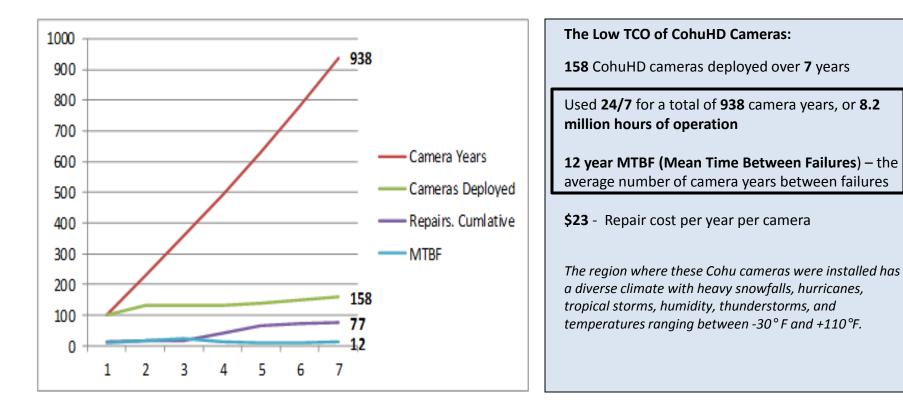


Quality

- ISO 9001 certified
- High quality materials (Made in the USA)
- Sealed and pressurized enclosures, IP67
- Highest environmental, shock/vibe temperature specs in the market
- Reliability in most demanding critical infrastructure environments:
 - Remote/Difficult to Access Locations
 - Poor Electrical/Mechanical/Network Environments
 - Extreme Environment Conditions (Hot, Cold, Vibration, Moisture)
 - Mission Critical Requirements
 - Long Range Surveillance



Case Study on Long Term Reliability of CohuHD Cameras...







- IP Service Support to assist in the configuration and setup of IP based products
- Offer on-site field technicians to assist in training and troubleshooting
- Utility software for designing and operating cameras available on CohuHD website
- Extended warranty contracts are available
- Lifetime warranty on re-pressurization of housings
- Experts on-call to assist you!



Innovation Today...

- Growing Line of HD Products
 - □ HDTV High Definition Cameras
 - □ Bandwidth Efficient H.264 Encoding
 - □ CohuHD is the "Standard" for Rugged, Outdoor PTZ
 - □ First HD Ultra Long Range Camera to Market
 - □ IP67, Pressurized, Highest Temperature Specs in Industry
 - □ Ability to bring high value, customized solutions to customers
 - □ Hybrid solutions, Analog/Digital
 - Open standards support









Helios Family – PTZ and Fixed

HDTV Video Performance

- □ 720p30 x30
- □ 1080p30 x20
- □ EIS, Defog image processing
- □ .005 lux sensitivity

Video Encoding/Streaming

- □ H.264/MJPEG Encoding Standards
- RTSP/HTTP/MP2TS Streaming Standards
- $\hfill\square$ Analog Out
- Environmental Operation
 - □ IP67 Protection, TS2 Shock/Vibe
 - -40° to +74° C Operating Temp
- Communications
 - ONVIF / NTCIPOIP Compliance
- PTZ
 - \square 360 degree continuous pan, +/-90° tilt
 - Variable Speed Positioning
- Leading family for the Traffic Market!





Helios Thermal Positioner - 5970^{SD}

Video Imaging

- Latest in LWIR, Uncooled, 17um Technologies
- □ FPA choice of 320x240 or 640x480 (30fps or 9fps/exportable)
- Lens choices up to 100mm with remote manual focus control

Video Encoding/Streaming

- H.264/MJPEG Encoding Standards
- RTSP/HTTP/MP2TS Streaming Standards
- Hybrid IP/Analog Operation

Environmental

- \Box -40° to +74° C Operating Temp
- TS2 Shock/Vibration
- Communications
 - ONVIF/NTCIPoIP Compliance
- PTZ
 - □ 360 degree continuous pan, +/-90° tilt
 - Variable Speed Positioning





Long Range - CohuHD 8800 Family

HD Resolution Imaging

- Day/Night Operation, Hi Sensitivity
- World's first HD 1080p ultra long range camera

Long Range HD Optics

- 137x zoom
- Human Detection to 30 miles (Johnson Criteria Calculation)
- Lens Options to suit application

Optional Variable Speed Positioning System

- □ Variable Speed 0.056 and 45 deg/sec
 - Required for Tracking Distant Slow Objects to Close Fast Objects

Ruggedized Environmental

- \Box IP67/IP66, -40° to +60° C Operation
- Communications
 - IP Ethernet, Multi-Manufactures protocol support

Customizable Configurations

- Paint, Faceplate Wiper, Arctic Heater
- COTS Accessories Ready
 - Tracking, Stabilization, Image Enhancements

808nm Laser Illumination at 2Km





Why Buy CohuHD?

- Proudly Made in the USA for more than 60 years!
- Decade's long leadership in the Traffic market
- The experts in Rugged PTZ cameras, ideally suited for the most difficult operating environments
- Highest shock, vibe and operating temperature standards in the industry
- IP67 Sealed and Pressurized product line
- Ability to build customized solutions to the most exacting standards
- Market's first Ultra Long Range HD system
- Offer technology migration path with Hybrid Analog/IP output



New Orleans PD



Nevada DOT



Nansen-class Frigate



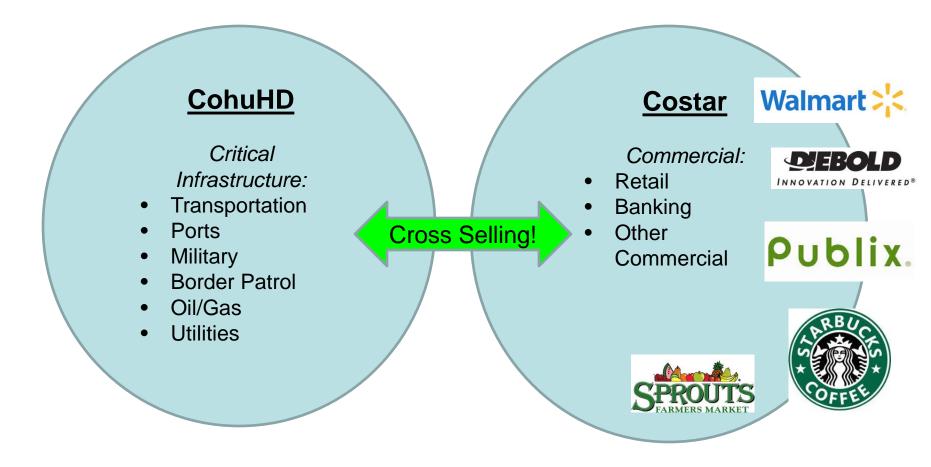
Strategic Benefits of Costar Acquisition of CohuHD Much Broader Product Line...



CohuHD's strength is on rugged, IP 67 product primarily for Transportation applications; Resource constraints have impeded us from expanding beyond this niche Costar has a broad range of products including Outdoor IP 66, Indoor, MMP, NVRs and Software. <u>The combined company has an end-to-</u> <u>end product solution, with highly differentiated products and</u> <u>high-value U.S. based manufacturing capabilities</u>



Strategic Benefits of Transaction New Market Opportunities...





Summary

- Quality
- Service
- Innovation
- Product Line
- Your Partner for Video Solutions!



Staples Center, LA



Equate Petro, Kuwait



Brooklyn, NY



