



SAN FRANCISCO GIANTS UPGRADE TO HD AT AT&T PARK FOR 2007 SEASON

Ready for the 2007 season and the MLB All Star Game, AT&T Park in San Francisco boasts the first 32:9 aspect ratio outdoor high definition LED display in Major League Baseball.

The new 20mm Mitsubishi Electric Diamond Vision board stands 103' wide by 31' 6" high and features a 32:9 aspect ratio capable of displaying true high definition line for line when 1080i video from the new control room is windowed to the display.

To support the new display, the Giants invested in a predominately Evertz/Sony HD control suite. The new ergonomic, production-friendly facility design accommodates the equipment necessary to manage the displays for the entire park. The Giants also upgraded their editing and graphic systems, added a non-linear editing suite, and increased staff to create fresh HD content for the park.

In addition to the Mitsubishi display, the Giants added 220 feet of ANC Sports 25mm fascia boards to augment the 453 feet installed on the Club Level in 2006. These boards replace the Barco single-color "line score" displays and adjacent signage on the Club Level and the Barco single-color "pitch count" displays and adjacent signage on the View Level. With these changes, AT&T Park will be one of just a few ballparks in Major League Baseball to feature 100 percent color LED.

AT&T Park continues its leadership in making energy efficient and environmentally friendly choices. In addition to the displays being comprised of millions of low power LED's, the stadium's power is also now supplemented by hundreds of solar panels.



Display Facts

Product:	Mitsubishi Electric Diamond Vision AVL-OD10
Pixel –Pitch:	20mm physical pixel-pitch
Dimensions:	103' wide x 31'6" high
Aspect Ratio:	32:9 main display with strip for park branding and line score
Dots/Lighting Units:	3,010,560 dots spread across 2,940 distinct lighting units
Weight:	56,420 pounds
Peak Power Usage:	271 k W
Standard Configuration:	1080i HD image cutout to match 832x1480 dot resolution

Design Team

Bill Schlough, Giants VP, CIO:	Project Manager
John Tyler, Giants Manager:	Control Room Lead
Paul Hodges, Giants Manager:	Edit Suite Lead
Acoustic Dimensions:	Design Engineering of LED Display, HD Control Room and Edit Suite Renovations
BK Building Group:	Construction Management
RCI:	Control Room and Edit Suite Renovation
Mitsubishi Electric Diamond Vision:	Installation of Primary Outfield LED Video Display System
ANC Sports:	Installation of Fascia LED Display Systems
Diversified Systems:	Installation of Control Room Equipment
ScorePad:	Installation of Scoring and Statistics Systems
ASG:	Engineering of Non-Linear Editing Systems
Media Vision Integration:	Installation of Non-Linear Editing Systems

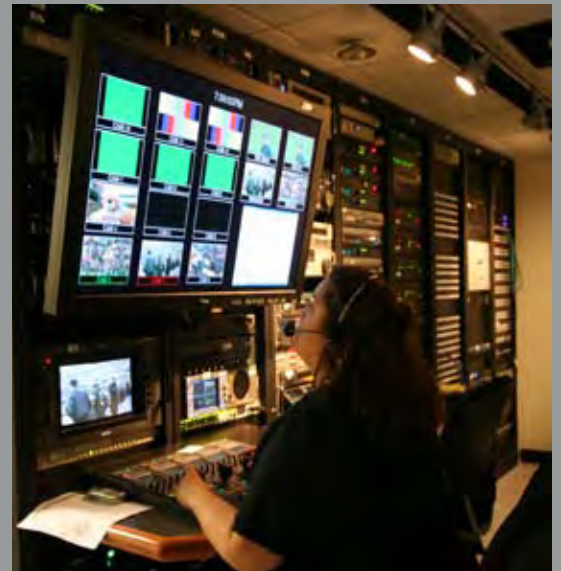


Video Equipment List

3 SONY	HDC1550	1080 60P HD MULTI-FORMAT TRIAX CAPABLE STUDIO COMPANION PORTABLE CAMERA
1 SONY	HDW730SPAC2	HDCAM POWER HAD 50i/60i CAMCORDER
2 SONY	HDCX310	3-CCD 1/2" 1.5 MEGA PIXEL COMPACT HD MULTI-PURPOSE CAMERA
2 SONY	HFUX310	OPTICAL FIBER INTERFACE UNIT FOR HDCX300/310 CAMERA
1 GMS	CMT / MSR	MESSENGER HD WIRELESS TRANSMITTER/RECEIVER
2 CANON	HJ40X14B IASD-V	40X HDTV ENG/EFP DIGITAL PORTABLE LENS
1 CANON	HJ22EX7.6B IASE	22X7.6 HDTV ENG ZOOM LENS
1 CANON	HJ11EX4.7B IRSE	11X4.7 HDTV ENG ZOOM LENS WITH B4 MOUNT
2 FUJINON	HS18X5.5BEND	1/2" HDTV ENG ZOOM LENS
3 VINTEN	VISION 250	TRIPOD AND HEAD
1 VINTEN	VISION 100	TRIPOD AND HEAD
2 TELEMETRICS	HDC-XPTZ/T	REMOTE CONTROL PTZ, ENVIRONMENTAL ENCLOSURE, AND CONTROL SYSTEM
3 SONY	HDWM2000/20	HD CAM EDITING RECORDER
2 EVS	XT2H-6U-444-146	4-CHANNEL XT[2] HD BROADCAST SERVER
1 CHYRON	7A00286	X-CLYPS HD/SD DUAL CHANNEL SERVER
1 CHYRON	7A00271	HYPER-X HD/SD CHARACTER GENERATOR
1 CHYRON	5A01465	HD/SD EFX FRAME BUFFER
1 CHYRON	5A01475	LYRIC PRO SOFTWARE
1 SONY	MVS8000A	MULTI-FORMAT PRODUCTION SWITCHER PROCESSOR
1 SONY	MVE8000A	MULTI-FORMAT DME PROCESSOR
1 IMAGE VIDEO	161-0129-04	TSI 1000 TALLY SYSTEM INTERFACE
1 PRO-BEL	S7220/8H-8H/2H	SIRIUS VIDEO ROUTER-128X128 FRAME
1 PRO-BEL	FAA-S30N-0404	FREEWAY AUDIO ROUTER - STEREO ANALOGUE 64X64 FRAME
1 EVERTZ	PKG3000MVP-32-HSN-MV+3PS	MVP THIRTY-TWO (32) INPUT VIDEO MONITORING PROCESSOR

Video Equipment List continued...

2	EVERTZ	7767VIP4-HSN+3RU	VIP FOUR INPUT VIDEO MONITORING PROCESSOR
7	TV LOGIC	LVM-460W	46" LCD MONITOR
6	TV LOGIC	LVM-240W	24" LCD MONITOR
4	TV LOGIC	LVM-070W	7" LCD MONITOR
2	PLANAR	XP17W	17" MONITOR
1	PLANAR	PL1910M-BK	19" MONITOR
1	VIDEOTEK	TVM-950-E	HD ANALYZER
1	SONY	BVMA14F5U	14" MULTI-FORMAT CRT COLOR MONITOR
2	JBL	4408A	SPEAKER
2	EVERTZ	5600MSC	COMBO MASTER SYNC. PULSE GENERATOR/ MASTER CLOCK
1	EVERTZ	5600ACO	CHANGE OVER UNIT
6	EVERTZ	7700FR-C+7PS	3RU MULTIFRAME
6	EVERTZ	7700FC+3RU	VISTALINK™ FRAME CONTROLLER
2	EVERTZ	500FR+5PS	3RU MULTIFRAME
2	EVERTZ	500FC	FRAME CONTROLLER
1	EVERTZ	VLPROPLUS +WEB	VISTALINK™ PRO PLUS SNMP + SINGLE WEB CLIENT
	EVERTZ	7700 & 500 SERIES	TERMINAL, DISTRIBUTION, AUDIO DISTRIBUTION
	OXMOOR		AMPLIFIER
	SOUND WEB LONDON		AUDIO SIGNAL PROCESSOR
	ADC		CONVERSION EQUIPMENT
	AVOCENT		AUDIO, VIDEO, TRIAX, CONTROL, FIBER PATCH BAYS
	TELEX		KVM MATRIX
	TBC CONSOLES		W/USER STATIONS
	MIDDLE ATLANTIC		INTERCOM
			CONSOLES AND LCD TRACK WALLS
			EQUIPMENT RACKS



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