



Video Solutions for Security Professionals™

CASE STUDY



At a Glance:

Market:
Commercial

Location:
Bay Area, California

Application:
Cameras placed at 127 fast food locations to keep customers and employees safe

Case Study: Fast Food Chain Uses LTS Solutions at Bay Area Stores

Introduction

Founded in 1954, Burger King is the second largest fast food chain in the world. Going from analog to a high definition system with ease is one common request large fast food chains make. An installer using LTS products proposed a high definition solution that was easy and affordable to replace the existing analog system without limitations on existing cables.

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Challenge

The project required 127 locations be upgraded in the third quarter of 2014. This meant there was no time to wait on inventory or running cables. Running cables can take 2-3 days to finish, depending on the building's infrastructure. Every location had an existing analog 700TVL system in place, but some of the wires were old and needed to be replaced.

Solution

This job heavily relied on the availability of 762 cameras and 127 DVRs. LTS Fremont was able to provide a complete high definition analog system through existing coax. The advantage with this large order of cameras and equipment was same day pickup for the installer. That edge gave the installer a few days to spare before deadline.

The solution used one Platinum 8 Channel HD-TVI DVR for each location, with combination of the Platinum HD-TVI Matrix IR Turret Camera 2.1MP, CMHT2722, and the Platinum HD-TVI Turret Camera with Wide Dynamic Range, CMHT1422W-28. The CMHT2722 was mainly used for outside premises. The Matrix IR technology allowed clear night vision with no halo effect given that most Burger King locations had late night hours.

The CMHT1422W-28 was placed near the cashiers. All locations have large clear windows where sunlight can cause glares as customers opens entrances throughout the day. This causes most cameras without wide dynamic range to get bright spots and missed details. With wide dynamic range feature and a wider angle 2.8mm fixed lens, this camera was able to balance out bright and dark areas throughout a business day and cover large dining areas.

Each DVR used two Western Digital surveillance grade 3TB hard drives which one was used as a backup. However, no cases were reported of having to use this. Since the plan to upgrade to IP was of interest, the installer also ran some Rj59/ or network cables where needed. This was able to operate the HDTV cameras and also future proof for IP.

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Featured Products:

(LTD8408T-ST) Platinum Enterprise Level 8 Channel HD-TV DVR 1.5U

(CMHT2722) eco-Platinum HD-TVI Turret Camera 2.1MP

(CMHT1422W-28) Platinum HD-TVI Turret Camera 2.1MP-WDR

(DHWD30PURX) Western Digital Purple Surveillance Hard Drive – 3TB



Results

The customer was very satisfied with the easy upgrade to high definition. The cost was about 20% less of the allocated budget as well. The NVMS7000 used for video management for all locations was a success and had no issues.

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