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LEE CARTER - EMEA IT MANAGER

# CONNECTIX CASE STUDY

## AFTON CHEMICAL LTD

**Coretek Infrastructure Services PRINCE2 qualified project management team designed and commissioned the distribution of a completely new 25 year warrantied copper and fibre Connectix Cabling System.**

### CHALLENGES

Due to their continual expansion and development program, Afton Chemical recently re-acquired the 3-storey Bullbrook building from Honda to whom it was sold some years ago.

The building was stripped out completely in preparation for a new refurbishment which included state-of-the-art laboratories and support offices.

Coretek's PRINCE2 qualified project management team designed and commissioned the distribution of a completely new Connectix SCS.

### THE ORGANISATION



**Customer:** Afton Chemical Ltd

**Web Site:** [www.aftonchemical.com](http://www.aftonchemical.com)

**Scale:** 16 countries worldwide

**Country:** Global

**Industry:** Chemicals



Microsoft Partner  
Silver Midmarket Solution Provider

**Coretek**  
GROUP



**Coretek**  
INFRASTRUCTURE

## INTRODUCTION

Afton Chemical are a worldwide fuel additives provider, developing innovative solutions in Driveline Additives, Engine Oil Additives, Fuel Additives, Industrial Additives, Lubricant Components and Logistics & Supply Solutions to meet the unique needs of its customers. By partnering with Afton, you'll collaborate with some of the best chemists and experts in the industry.

Afton Chemical have worked in partnership with Coretek Ltd for over 13 years. Coretek are their preferred specialist IT infrastructure partner and provide the highest level of IT design, support and service delivery. Coretek's Infrastructure team, part of the Coretek Group, have been a partner of Connectix Cabling Systems (CCS) for more than 15 years and the engineering team are certified CCS copper and optical fibre technicians.

Due to their continual expansion and development program, Afton Chemical recently re-acquired the 3-storey Bullbrook building from Honda to whom it was sold some years ago.

**“We chose Connectix Cabling Systems because of their close support and willingness to provide site assistance and project support when needed. Our client now has a 25-year fully warranted copper and fibre cabling system from one of the leading cabling system manufacturers.”**

The building was stripped out completely in preparation for a new refurbishment which included state-of-the-art laboratories and support offices. Coretek's PRINCE2 qualified project management team designed and commissioned the distribution of a completely new Connectix SCS.

The IT infrastructure included the installation and testing of approximately 500 Connectix Cabling Systems (CCS) Cat 6 UTP outlets and multiple inter building OM4 fibre optic backbone links, constructed of OM4 corrugated steel tape between the occupied Afton Chemical Main Building and Bullbrook. The fibre was placed in a newly installed inter-building duct and run into risers.

Throughout the Bullbrook building is a mixture of office space, high-tech laboratories (R&D areas) with IT outlets installed within specialist dado designed to house R&D taps, power and data. There is a Cisco WiFi system available throughout all floors within the building which is the corporate standard for the company.

Within the single comms room stands 2 x 47U 600 x 1000 server cabinets housing the clients Cisco VoIP telephony system and Cisco 2960X edge switches. Afton Chemical's internal IT team maintain their own physical hardware, however they take hosting services direct from Coretek's own cloud platform which has been built to support the hosting and virtualisation needs of their clients. Further details are available at [www.coretek.co.uk](http://www.coretek.co.uk)

## AFTON CHOOSING CORETEK AND CONNECTIX

Coretek's Infrastructure Manager Phil James explains “working closely with Afton Chemical's IT Manager enabled us to have a full understanding of the buildings technology requirements at the desktop level, within the labs and offices and various internal departments. We produced a design with the required cabling media and chose Connectix Cabling Systems because of their close support and willingness to provide site assistance and project support when needed. Our client now has a 25-year fully warranted copper and fibre cabling system from one of the leading cabling system manufacturers”.

Lee Carter, Senior IT Manager EMEA Afton Chemical adds “We have been working with Coretek for a number of years due to their flexibility and easiness to work with and this was the case during this project. I found them to be professional and very knowledgeable during the whole process. They delivered what was required on time and within budget.

## PROJECT DETAILS

### Products and Quantities:

464 x CCS Cat 6 UTP Euro Modules  
20 x CCS Cat 6 UTP RJ45 24 Way Patch Panels  
22km of CCS Cat 6 UTP LSZH Cable  
780m x CCS 24 Core OM4 Corrugate Steel Tape Int/Ext LSZH Fibre Optic Cable

**Project duration:** November 2014 - January 2015

### Network Applications:

10Gb and Gigabit Ethernet.  
VoIP Cisco voice system  
Cisco 2960X Gigabit Switches

## Stay in touch

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