

## Case Study – Cablecom, Switzerland

*"We needed an off-the-shelf, commercially available solution, designed specifically for managing multiple overlapping IP Address space"*

**Christian Laudan, Network Manager**

### Background

Cablecom is the leading cable communications company in Switzerland, with 1,450 employees. The virtually unlimited transport capacity of their fibre network makes them the largest broadband provider in the area of corporate networks.

Every Cablecom customer relies on mission-critical network connectivity access for their day-to-day company operations. Should access to their data be interrupted or if any data is lost, millions of Swiss Francs in lost revenue could result.

### The Problem

One of the most time-consuming tasks within Cablecom over the years has been IP address database management for its growing customer base.

Cablecom's 5000km fibre network depends on 524,288 Public IP addresses and DNS names and 16 Million private addresses, which are locally managed by Cablecom.

In the past, network administrators in each region were responsible for local IP name and address management, each using legacy systems. In most cases, this critical IP data was maintained in a number of spreadsheets, which offered little visibility into the network as a whole. Management processes and administration relied on specific individuals spread throughout Switzerland.

The old spreadsheet solution was able to store and find IP addresses, but the search capabilities were limited, scalability was a problem, and the maintenance of the IP space and user data was extraordinarily time-consuming.

## The Challenge

At the time Cablecom discovered Easy-IP, they had been actively looking for a more efficient way to manage their IP space. Cablecom recognized the tremendous advantages in a single IP address management interface with the IP address database, and understood the necessity of providing its customers with robust query and reporting tools.

## The Easy-IP Solution

Easy-IP was the answer to Cablecom's problem. Easy-IP gave them a high-performance, scalable, multi-user IP Address Management solution that was designed specifically for Network Engineers and Administrators.

IP address assignments and associated user data are now stored in efficient, easily accessible custom fields, which easily scale to meet the needs of the largest of organisations. The highly advanced search & grouping functionality enables Cablecom to find any IP Address and its information at unparalleled speeds.

The enhanced reporting of IP subnet utilization helps justify additional requests for IP address space with the Ripe NCC, as Cablecom continues to grow its customer base.

## Summary

Cablecom needed a more cost-effective solution for their IP address management requirements. Easy-IP was the solution they were looking for, as it was designed from the ground up for the sole purpose of achieving an integrated, comprehensive IP address management that reduces management time and takes away the pain of administration.

Cablecom is now completely satisfied with their IP addressing solution, and as a result has extended their contract with Crypton through the year 2006-7.