

CASE STUDY



**1800 9th Ave - Regency Medical
Seattle, Washington**

**1800 9th Ave - Regency Medical
Seattle, Washington**

Statistics Office Building [16 stories]
Gross Floor Area [180,000 sq ft]

Team Regency Medical Group, Owner
Property Manager
Encompass, Designer/Contractor

Systems

The mechanical systems consist of two roof top Mammoth DX VAV air handling units, cooling tower, general exhaust fans, garage exhaust fans and fan powered VAV terminal units. The DDC upgrade included creating and installing a custom interface driver that allows the new Richards-Zeta control system to communicate and operate the existing Staefa VAV terminal unit controllers. The existing Staefa Quantum system was replaced with the Richards-Zeta system and perfectHost software. The new system performs all of the DDC control routines and energy management functions for the entire facility.

The rooftop units utilize 4 Hitachi screw compressors for DX cooling. These are controlled to provide a precise discharge air temperature with the Richards-Zeta controllers.

Notes

This project included installation of a Richards-Zeta control system with a Staefa control system custom interface driver to allow the Richards-Zeta system to communicate and operate the Staefa VAV zone controllers.