

# Leading Edge Integrated Services

As one of New Zealand’s leading HVAC and refrigeration services providers, Optimum Air is proud of the critical role we play in creating comfortable and healthy indoor environments for our community.

From the Service and Maintenance of mechanical and building services including HVAC and Electrical, to the implementation of Smart Building Automation, our solutions are designed to reflect your specific needs.

## Integration at every level

Optimum Air’s reputation has been built on delivering market-leading Service and Maintenance of mechanical and building services.

	HVAC	ELECTRICAL
<b>Core Services</b>		
Maintenance	✓	✓
Service and repairs	✓	✓
Projects, Retrofits and Installations	✓	✓
Automation and BMS Controls	✓	✓
<b>Advisory Services</b>		
Energy	✓	✓
Design	✓	✓
Commissioning	✓	✓

*Our team of professional, qualified technical staff are at the heart of our ability to achieve improved system performance, reliability, energy efficiency and compliance*

But our expertise extends beyond service and maintenance to include Advisory services and Automation and Controls solutions, critical Automation and Controls, critical to achieving system optimisation and performance. Our team is both adept and agile enough to deliver Projects and Installations on time and to budget.

## About Optimum Air

Optimum Air is a building services company, providing HVAC&R management, smart building solutions across New Zealand. Founded by Airmaster, one of Australia’s leading HVAC service solutions companies, Optimum Air draws upon the vast industry experience to deliver Airmaster’s range of award-winning services and solutions to the New Zealand market.



## Expert Advisory Services providing real value

Optimum Air Advisory combines in-depth knowledge and the company's well-known technical expertise with our experience in Energy Management, Building Optimisation, Design and Commissioning to support clients with the whole-of-life management of their buildings.



### Energy

- + AS/NZS 3598:2000 Energy Audits
- + NABERSNZ Energy Assessments & Improvement Plans
- + Building Optimisation & Retro-commissioning
- + Customised Energy Efficient Solutions



### Design

- + System Design & Heat Load Estimation
- + Design & Drafting
- + Health and Risk Mitigation (COVID-19)



### Commissioning

- + System Integration
- + Measurement & Verification
- + Independent Commissioning Agents (ICA)

## Automation

Optimum Air Automation is an independent, open protocol provider offering turnkey IoT and cloud-based building network solutions. We deploy these solutions in building management systems across a wide range of property types.

Our factory-trained Controls and Automation team are able to redefine what is possible when integrating disparate technologies in buildings. These technologies enable entire buildings to constantly improve operation, efficiency and innovation by consolidating multiple systems into a single platform.

Optimum Air has partnered with the world's industry-leading BMS Integrators and Technologies to offer our customers a comprehensive range of solutions that are fully customisable with an energy efficient approach.







## Delivering real value through our latest technology solutions

Optimum Air remains a leader in the implementation of technology solutions in the built environment – evolving with the HVAC industry to introduce competitive technologies and systems that extend real value to our clients by delivering proven cost savings, real-time results and a fast return on investment.

Our experience and expertise in the latest building services technology includes smart IoT solutions in Automation and Controls, the use of data and analytics in Intelligent Maintenance and eValueate in conducting accurate Asset Auditing and Management.



### Use the power of data to improve the way your facility operates

Powered by data and analytics, Intelligent Maintenance collects data from a building, where it is analysed, prioritised and actioned. Data provides a continuous stream of actionable intelligence streamlining maintenance and reactive service calls.

By analysing the large amounts of data generated by the building, the platform continually identifies faults and inefficiencies in the operation and condition of the building's operation. Once a fault has been determined, the Intelligent Maintenance platform then directs technicians via smartphone notifications to diagnose and manage repairs proactively, before the issue becomes a critical issue or tenant complaint.



### Providing enhanced operational efficiency

Optimum Air Flow is Optimum Air's online customer and staff portal that provides real-time service and performance monitoring.

With Optimum Air Flow, customers and staff have a centralised, online portal to check the status of works, generate reports, create monthly meeting minutes and download compliance information. The portal ensures customers always have access to live updates and progress on site works being conducted.

A cloud-hosted enterprise solution, Flow offers users the ability to view detailed reports through easy-to-read dashboards and report generators. It also details live and historic records of service calls and job queues.



### Creating smarter buildings

Our Building Services Network (BSN) solution provides high speed/high bandwidth data transfer between all engineering systems on site as well as reducing the amount of cabled infrastructure and hardware across a building.

As we create smarter buildings, the success of them is in the ability to collect, store and analyse data across many disparate control systems in a building, and enable intelligent services such as Optimum Air Intelligent Maintenance, to review this data and actionable intelligence, improving the efficiency of buildings and creating fantastic tenant experiences for building occupants.

As these buildings become more intelligent, the addition of multi-megapixel CCTV, access panels and multi-tenant WiFi means the backbone of the building needs to be able to scale and provide sufficient bandwidth to meet these technologies.



### Improve the life expectancy of your assets

eValueate is a fully hosted solution in asset identification, life cycle and capital expenditure planning. By providing and assessing a detailed analysis of facility assets, eValueate develops a thorough service, maintenance and capital replacement plan.

By identifying each asset's energy savings potential, eValueate helps plan preventative maintenance, creates an asset replacement plan and identifies potential Green Star rating improvements. Through panoramic views of the entire asset portfolio across a facility, eValueate provides intricate details about each individual asset in order to make strategic, cost-saving decisions regarding service, maintenance and replacement.

Powered by the latest technologies, eValueate gives you complete and instant access to the status of your asset portfolio through the latest Dashboard technology.