



ANT Technologies®

Paperless Productivity™

Paperless technology that provides database driven building management solutions.



Project Tracker™

BAS Project Management

- Creates monthly progress billing and simplifies project status reporting
 - Improves Field and Administration productivity by 27%
 - Increases project communication

A Project Status Report you can trust!

As an integrator or contractor, you've probably received unreliable progression reports on your company's projects. Project Tracker™ eliminates the guess work and provides managers with real-time accurate data that ensures you make the best decisions possible.



Manage Projects • Service Facilities • Tenant Energy Billing

Projects + Create Project

Here we show all projects you are working on your organization, where you can access, follow-up and create more of them

- 8209 St Gabriel Catholic School Edit Delete
- 8212 John Deere Edit Delete
- 8213 Cliffwood Manor Edit Delete
- 8226 Aquaponics Edit Delete
- 8232 Hamilton Police Services Edit Delete

May 2

Latest Notes

- CO Discrepancy
- CO Discrepancy
- Status problem
- test taske note
- Test
- TEST EMAIL
- Modern Niagara

Latest Tasks

1. Manage All Your Projects:

- See project status and overview
- Populate and manipulate systems, controllers, and I/O's
- Manage tasks towards completion
- Commissioning status in real-time, as you complete the project
- Create, tag and communicate key project notes by discipline
- Build and export submittal and close-out documentation

2. Analyze Project Status:

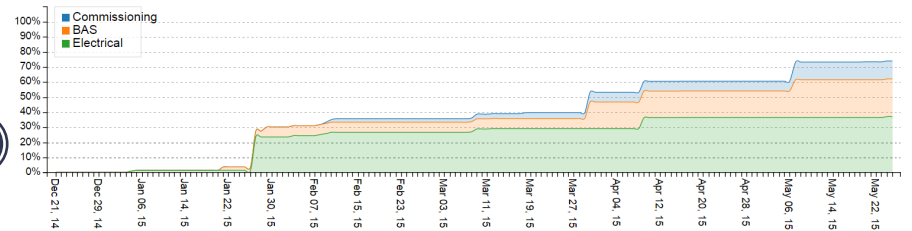
- Track project completion
- Real-time progression charts
- View tasks in detailed format
- Technicians add completed project hours
- Field team documents completed task

Aquaponics - 8226

Project State: 4099 / 4169

98%

Group	Completed	Percent Complete
Electrical	2050 / 2067	99 %
BAS	1387 / 1397	99 %
Commissioning	662 / 705	94 %



SYSTEMS Work Order not Schedule 20 - 40 40 - 60 60 - 80 80 - 100

Search

- Heating loop
- CO1
- CO2
- RAD-2, BP-1, HRV-1
- FC-3, RC-1, H-1, UH-3
- EF-10, EF-9, UH-1, UH-4
- FC-11, RC-3
- Lighting control
- Production area 1 (AHU)
- Production area 2 (AHU)
- Production area 3 (AHU)
- Production area 4 (AHU)
- Nursery (AHU-5, H6, EF)
- CO and NO2 Gas Sens.
- Fan Coil FC-2
- Fan Coil FC-4
- Fan Coil FC-5
- Fan Coil FC-9
- Fan Coil FC-8
- Fan Coil FC-1

CO1 State: 152 / 152 (100%)

Group	Completed	Percent Complete
Electrical	70 / 70	100 %
BAS	56 / 56	100 %
Commissioning	27 / 28	96 %

IOs for CO1

Address	Name	Electrical	BAS	Commissioning	Overall
AironEnterprise.Models.ProjectTracker.IoType-1	OutdoorAirTemp.A	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-2	ReturnLoopTemp	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-3	SupplyLoopTemp	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-4	Tank.ST3.Temp	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-5	Tank.ST3.Temp	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-6	OutdoorAirTemp.B	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-1	BP1.Status	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-2	EB1.Alarm	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-3	BP2.Status	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-4	EB2.Alarm	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-1	BP1.Control	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-1	EB1.Enable(Sage1)(TED)	100 %	100 %	100 %	100 %
AironEnterprise.Models.ProjectTracker.IoType-2	EB1.Sage3(TBD)	100 %	100 %	100 %	100 %

3. Manage Via Point Mixes:

- Drill down into different tasks
- View I/O point mixes and observe their progression
- Identify areas of concern
- Time-stamped user completion
- Promote global team awareness of the project's design

Project Tracker™ seamlessly transitions into Service Tracker™

The screenshot displays the Project Tracker web interface. At the top, there is an 'Add Task Group' button. Below it, a table lists tasks under the 'Electrical' group. The table has columns for 'Description', 'Task', 'Weight', and 'Actions'. The tasks listed are 'Rough in Complete', 'Wire Termination at Controller Complete', 'Wire Termination at End device Complete', 'Conduit install', and 'Point - Point Verified?'. Each task has an 'Edit' button and a red 'X' icon.

Below the table, there is a 'Tasks Group' dropdown menu with options: 'Electrical', 'BAS', 'Commissioning', 'Project:', 'Heating loop', 'CO1', '-1 OutdoorAirTemp.A', '-2 ReturnLoopTemp', and '-3 SupplyLoopTemp'. The 'Project:' option is highlighted, and a 'Select All' button is visible.

At the bottom, a 'Task Complete' table is shown with columns 'Done' and 'N/A'. The table lists 'Rough in Complete' and 'on CO1 for Heating loop'. The 'on CO1 for Heating loop' task has a checkmark in the 'Done' column and a plus sign icon next to it. The text 'Updated by: Mike Hurst - 1/28/2015 11:57:22 AM' is visible below the task.

4. Project Management:

- Create clear and appropriate tasks for your team
- Simplify on-boarding and team training
- Weigh tasks appropriately by unique project deliverables
- Provides a standardized project management process

5. Real-Time Field Reporting:

- Generate and plan your workday
- Consolidation of key project data on your mobile device and computer
- Facilitate inter-trade transparency and accountability

6. Complete Your Tasks:

- Assists with real-time commissioning reports
- Improved accuracy and accountability with time, user, date-stamped completion
- Update of projects, systems, controllers, and I/O tasks
- Identify training requirements

7. Create Key Notes:

- Simplified communication of RFI's, project extras, and other trade issues
- Time-stamped communication
- Minimize what typically 'slips-through-the-cracks'
- Quick note access from your dashboard

The screenshot shows a note in the Project Tracker system. The note is titled 'Aquaponics HRV Installation Issues...' and is marked as 'Addressed'. It includes 'Note Tags: RAD-2, BF-1, HRV-1 (System)'. The main text of the note reads: 'When commissioning the HRV today we determined that the unit was in... commissioning progress and may require us to revisit some of the contr... up by a missing part on the power switch and had to wait for that to be...'. The note was last edited by 'Neale Catherwood on 3/19/2015 4:53:34 PM' and has a 'Reply' button.

Overlaid on the right side of the note is a smartphone displaying the Project Tracker mobile app. The app's main menu includes: 'Dashboard', 'Project Overview', 'Project Setup', 'Task Setup', 'Task Management', and 'View History'.

We designed Project Tracker™ with mobile in mind. Technicians can update their project work on-site in real-time where entering information is simple, fast and convenient!



Paperless Productivity™

Project Tracker™

Service Tracker™

Tenant Tracker™

Win and retain more HVAC and Control business!



ANT Technologies® provides your clients with proven asset management tools and is a true differentiator!

Developed to resolve the unique project and service management challenges faced in HVAC and Control; ANT Technologies® is tailored for contractors like you.

Get your team up and running with ANT Technologies® in no time!

- Cloud-based project management and service integrated systems
- Real-time information at your fingertips
- Secure and centralized easy to use tools
- Increase efficiencies and lower operating costs
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- Increase accountability and risk avoidance



Contact Info.



Website



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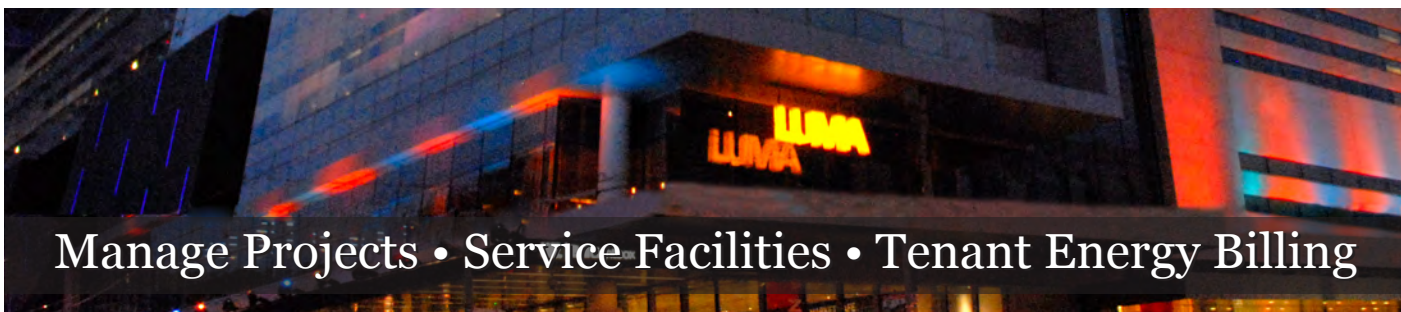
Service Tracker™

Real-time Service Management

- Improves Field and Administration productivity by over 18%
 - Improves cash flow cycles by 3 to 4 weeks!
- Increases Field generated work approvals by 50%

Instant and improved Service Reports!

Working with Service Tracker™ improves service report details. Reports can be immediately entered into the system on-site and are always searchable. The reports are sent electronically to your client which increases their knowledge of the work accomplished.



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AIRON
Edit

Project Number: 2016-0000	Address: 5150 Fairview Street	Original Building: Developer	Access Details: Veteran
Phone Number: N/A	City: Burlington	Province: ON	WAN IP: http://anttech.aironapps.com/

Equipment
Devices
Work Orders
Service Reports
PM Contracts
Field Quotes
Service Relationships
Clients
Notes
Contacts
Belts
Filters

+ Add New Site Equipment

3

3. Manage Clients:

- Retain your site history
- Quick-link to your BAS site(s)
- Facilitate team transparency to provide customer access

Equipment
Devices
Work Orders
Service Reports
PM Contracts
Field Quotes
Service Relationships
Clients
Notes
Contacts
Belts
Filters
Tenant Tracker Alarms

1 2 3 4 5 6 >
Items Per Page: 10 - Sort by: DateOfWork -

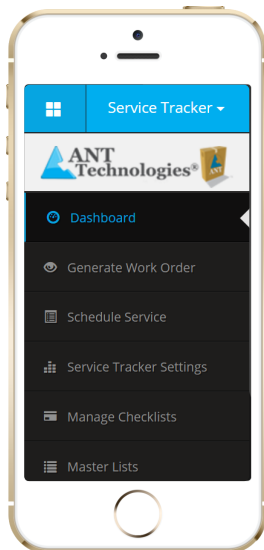
Work Order No.	Report No.	Last modified by	Report Date	Overall Work Description	IsOpen	
212603	1	Tomo	Apr 21, 2016	PM Finished.	✓	[Edit] [Delete]
4234	3	dmytro	Apr 18, 2016	Cinema P21 for FC loop heating/cooling Checked our reoccurring alarm for P21 which we	✓	[Edit] [Delete]
4234	3	dmytro	Apr 18, 2016	Cinema P21 for FC loop heating/cooling Checked our reoccurring alarm for P21 which we	✓	[Edit] [Delete]
4234	2	julianr	Apr 15, 2016	Investigated alarm for Heating Loop Differential pressure sensor. Reading was 0psi on April 13th. Check and found reading returned to normal and has been consistently working since. Work may have bee...	✓	[Edit] [Delete]
4234	1	julianr	Apr 12, 2016	Met with Johnathan to go over several outstanding issues.	✓	[Edit] [Delete]
4234	1	julianr	Apr 12, 2016	HP3 - SaTemp Alarm - Found alarm to be cause by incorrect sensor and battery unable estimate. Contacted...	✓	[Edit] [Delete]
4234	1	julianr	Apr 12, 2016	Met with Johnathan to go over several outstanding issues.	✓	[Edit] [Delete]
4234	1	julianr	Apr 12, 2016	HP3 - SaTemp Alarm - Found alarm to be cause by incorrect sensor and battery unable estimate. Contacted...	✓	[Edit] [Delete]
4038	2	julianr	Mar 04, 2016	After Jace replacement found issues with BACnet over IP trunk being offline causing the CO sensors to be offline as well. Checked wiring and found a loose connection. Reconnected wire. Enabled second IP po...	✓	[Edit] [Delete]

4

4. Client Asset Management:

- Track equipment service
- View all service history
- Keep everyone informed
- Swift access

We designed Service Tracker™ with mobile in mind.



Mike Gibson's for April 27, 2016 to May 10, 2016

Apr 27, 2016 8	Apr 28, 2016 8	Apr 29, 2016 3	Apr 30, 2016 0	May 1, 2016 0	May 2, 2016 0	May 3, 2016 8
May 4, 2016 2	May 5, 2016 0	May 6, 2016 0	May 7, 2016 0	May 8, 2016 0	May 9, 2016 0	

Add Project Hours
Add Additional Hours

Apr Wed 27, 2016

Premium Hours

Regular Hours

Travel Time (ST)

Delete

5

5. Consolidate Timesheets:

- Facilitate report accountability
- Auto-generated from service reports
- Simplify administration



The dashboard includes a sidebar with navigation links: Dashboard, Generate Work Order, Schedule Service, Service Tracker Settings, Manage Checklists, Master Lists, and Field Quotes. The main area features several key performance indicators (KPIs) in colored boxes: Incomplete Order (5), Unscheduled (4), Unaddressed PM W/Os (0), and Require W/O No. (0). A 'Field Quotes' section shows a circular progress indicator for 1 Quote, with buttons for 'Waiting Approval', '2 Weeks Old', 'Approved', and 'Rejected'. Below these are sections for 'After Hours Calls' (0), 'Notes' (3), and 'Employees' (3). A 'Filing Cabinet' section displays counts for Sites (5), Suppliers (1), Work Orders (7), Service Reports (4), Clients (7), Manufacturers (1), Pieces of Equipment (12), and QR Codes (10). The top right shows the date 'May 2' and time '02:13 PM'.

1. Your Service Dashboard:

- Access all your pertinent data
- Organize field quotes
- Digitize your filing cabinets
- Accomplish daily objectives
- Observe key information quickly
- Streamlined management and administration

The form includes a 'Work Order Number' field with a note 'This value will be auto generated'. The 'Work Description' field has a rich text editor with bold, italic, underline, and size options. Below are fields for 'Contract', 'Checklist', 'Date Created' (with value 2016-05-02), and 'Customer P.O.#'.

Technicians can scan the QR code and be taken immediately to the web site where entering information is simple, fast and convenient!



The calendar view shows work orders for the week of May 1-7, 2016. A legend indicates status: not schedule (red), scheduled, no service report (orange), in progress (grey), and ready to close (green). Work orders are listed in a grid with details like time (8:00 AM), work order number, address, and technician name. A 'Work Order Assignment' modal is open, showing a form to assign technicians and times.

2. Manage your Technicians:

- Generate work orders
- Assign work orders
- ID work orders ready to invoice
- Keep your team organized

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Tenant Tracker™

Real-time Tenant Energy Billing

- Regularly collects and normalizes utility consumption data
- Provides consistent accurate tenant billing invoices automatically
- Identifies meters that require service

Work with all types of meters: Water, BTU, gas, or electrical

Tenant Tracker™ utilizes an analytics software to ensure accurate readings. The software identifies unusual spikes or drops in meter readings, thus ensuring appropriate billing and tenant confidence by taking the necessary steps to correct the data.



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Project Tracker™ Service Tracker™ Tenant Tracker™

Automate reliable meter billing!

Set up meter bills with Tenant Tracker™ and let it automatically do all the work for you.

Meter Everything

Review and correct issues with systems installed by different contractors. It works with all types of meters: Water, BTU, gas, or electrical.

Get alerted to Meter Outliers

The software identifies unusual spikes or drops in meter readings. The system takes the necessary steps to correct the data. It then sends alarms to appropriate people to alert them of the situation.

Integrates with Service Tracker™

To further your convenience, our embedded Service Tracker™ software actually inventories and maintains all critical meter data, services and tenant information. Tenant Tracker ensures that all information is available at the click of a button.

Utility Usage

Date: March 23, 2015
Billing Period: February 1, 2015 - February 28, 2015

Remit To:
Robert Ray Inc.
20 King St.
Toronto, Ontario

cc: Tom Hoff, tohoff@acmebob.com

t - Restaurant

Utility	Period Usage	Unit	Rate	Period Cost
Water	27,87000	m ³	\$1.36000	\$377.90
Gas	289,72900	m ³	\$1.36000	\$394.02
				\$100.00
Subtotal:				\$871.92
HST:				\$69.15
TOTAL:				\$941.07



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