

## SILICON VALLEY MECHANICAL.

Improve efficiencies (profits) through real-time visibility and tracking.



### Sheet metal HVAC fabrication and installation for commercial and industrial construction.

Silicon Valley Mechanical (SVM) is a full-service mechanical contractor, located in San Jose California; serving the Bay Area for more than 20 years. The company specializes in design-build commercial HVAC, plumbing and service and leverages a 130,000 SF office and fabrication facility, where project teams design, manufacture, and stage ductwork, piping, and preskidded equipment ready for delivery and installation. They currently employ over 800 employees and achieve over \$200 million in business each year.

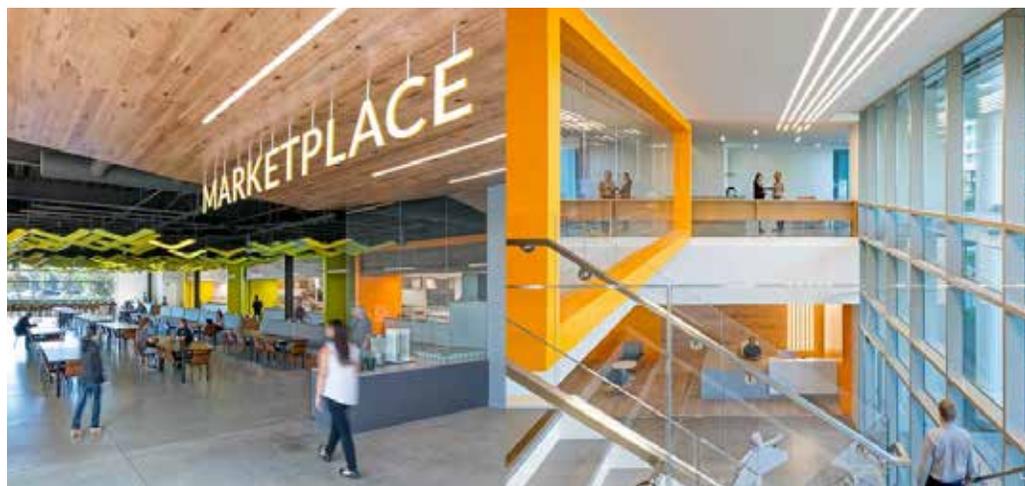
#### Challenge.

Silicon Valley Mechanical strives to ensure every project and each client is met with the utmost quality. To that end, the company's management has made a commitment to adopting innovative technologies, in an industry that is often reluctant to accept new technological opportunities. After all, employing a new technology can sometimes be costly and require implementation and adoption. For SVM implementing technology advancements enables them to deliver projects on-time and within budget – putting the client's needs first.

The company's challenges were three-fold, better understand project installation status to address inefficiencies, increase existing crew productivity to make up for lack of resources (skilled labor shortage in the industry) and gain buy-in and adoption with a new automated workflow.

*“Management wanted to better understand how we are managing the project, so we can focus resources to improve efficiencies. There is not enough manpower out there.”*

Don Deguzman  
Corporate BIM Director  
Silicon Valley Mechanical.



## Solution.

Silicon Valley Mechanical wanted a solution that was mobile, used their existing models, yet also was user-friendly for veteran foremen to implement and adopt. With the help of their forward-thinking BIM Director, Don DeGuzman, the team carried out a quick pilot and saw positive results in a couple weeks.

---

*"I can't say enough about the software, the ease of use. I brought it up to my foreman and it took him all of 15 minutes to start using the software on the iPad and he is excited to use it on more projects and was asking if we could use it on all his projects."*

Don Deguzman Corporate BIM Director Silicon Valley Mechanical.



SVM's existing project installation tracking process was done manually using highlighters and drawings on the job site and then with manual take-offs entered into an Excel spreadsheet. Additional time was spent on investigating inconsistencies and correcting errors. The process was extremely inefficient.

## Results.

Manual and paper-based construction progress tracking meant delays in seeing problems to make adjustments before it affected the project schedule. With ICT Tracker Silicon Valley Mechanical can track how much duct, pipe or walls is installed and when it was installed. They now have a better understanding of where a project is at and can focus resources to complete them on-time and within budget.

---

*"What I love about ICT is it allows us to use information that we are already creating through our BIM process and have transparency throughout the company through the field with our PMs, our field guys and create new workflows using ICT Tracker. It helps us to really improve our efficiencies and reduce human error."*

Don Deguzman  
Corporate BIM Director  
Silicon Valley Mechanical

---



Innovative Construction Technology (ICT) is an augmented reality (AR) software company that delivers innovative and empowering products to easily solve problems and transform the use of technology in the construction industry. ICT is built on knowledge through experience and the desire to foster authentic and genuine relationships by sharing the outcome in partnership with our customers.

866.ICT.TRKR 866.428.8757 [www.ictracker.com](http://www.ictracker.com)