

# CaddFX As-Built Services

If it's built - We can document it!

## As-Built; Record Drawings; Point Cloud; Laser; Field Survey; *Documentation Services*

These commonly used terms depicts the actual installed configuration and infrastructure of both physical and functional features of Buildings, Structures and Civil. In addition, these functions heavily support the needed documentation in the (AEC) Architectural, Engineering and Construction industry.



CaddFX Design Services, LLC provides many types of As-Built services based on the requirements and request of our customers.

We provide As-Built services to Architectural, Engineering & Construction firms, including Real Estate and Building Management companies. In addition, we also support building owners, managers, public agencies, educational institutions, non-profit organizations, investors and developers.

## As-Built Data Collection Methods



Depending on specific project requirements and unique site conditions CaddFX will deploy one or all of our technical tools.

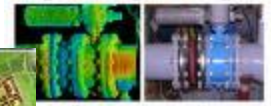
Our team of experts conduct field surveys by documenting and depicting the final installed "As-Built" configuration, by utilizing laser technology coupled with our methods of data collection. In addition, CaddFX has also integrated laser technology into the data collection process by producing **BIM** models directly on site.

## Laser Practical Applications

- Buildings
- MEP Systems
- Industrial Sites
- Civil Engineering



Civil



Industrial



Building

CaddFX as-built services includes documenting both physical and functional features of any discipline.

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### MEP Systems Benefits

- ✓ Faster As-built
- ✓ Accurate
- ✓ 3D Visualization
- ✓ Full-color imagery
- ✓ Planning/Analysis
- ✓ Leverage CAD



# FARO

We supply the latest laser hardware technology



## Summary

CaddFX Design Services offers all building documentation services to update floor plans and related infrastructure systems, essential for multiple purposes.

## How its possible

CaddFX Design Services employs a staff of seasoned professionals with a variety of backgrounds that include Facility, Design, Engineering, IT & Security.

## Purposes of As-Built Data

- Architectural & Engineering Projects
- BIM Modeling
- Facility Management
- Maintenance & Repairs
- BOMA Plans
- First Responders
- Police/Fire /EMS
- Safety and Security
- Increase accuracy
- Minimize costs
- Taxes/ Accounting
- Asset tracking



## What is the process?

- ✓ Gather customer requirements
- ✓ Conduct site survey
- ✓ Develop floor plans and data
- ✓ Convert paper drawings to electronic
- ✓ Consolidate multiple Floor plans
- ✓ Provide data in electronic format
- ✓ Import data to optional CAD software

CaddFX  
"Experience the Power of CaddFX AEC Solutions"

877- 422-3339

# CaddFX As-Built Services

## Laser Scanning applications

### CaddFX Process

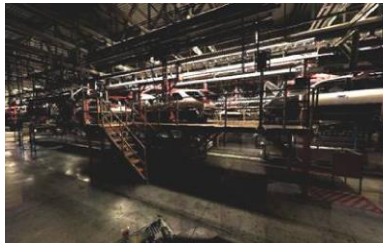
Our approach to as-built floor plan development is key to deliver accurate documentation. We combine sophisticated information gathering technology and analytical techniques with our practical experience to provide our clients the best solution.

### 3D Laser/ Point Clouding Process

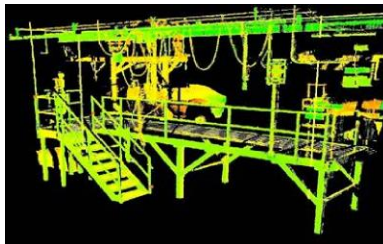
Laser Setup



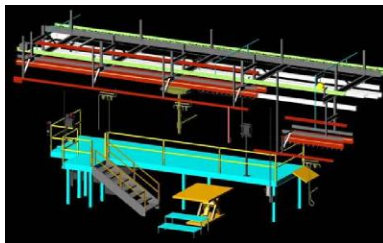
Laser Photo



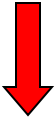
Point Cloud Laser Shoot



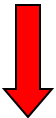
Point Cloud converted to CAD



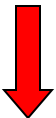
1 Laser Setup



2 Laser photo shoot



3 Point cloud data collected



4 Point cloud data converted to CAD



The full-field-of-view of our 3D laser scanner, makes high-definition field data capture easy and efficient for a wide range of surveying and engineering projects.

In 3D mode, measuring complex geometry is simple with a point and click. The onscreen handheld display lets our field technicians see the results instantly as it builds the drawing and allows us to pan, zoom and rotate 360 degrees to ensure we have all necessary data before we leave the jobsite.



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