

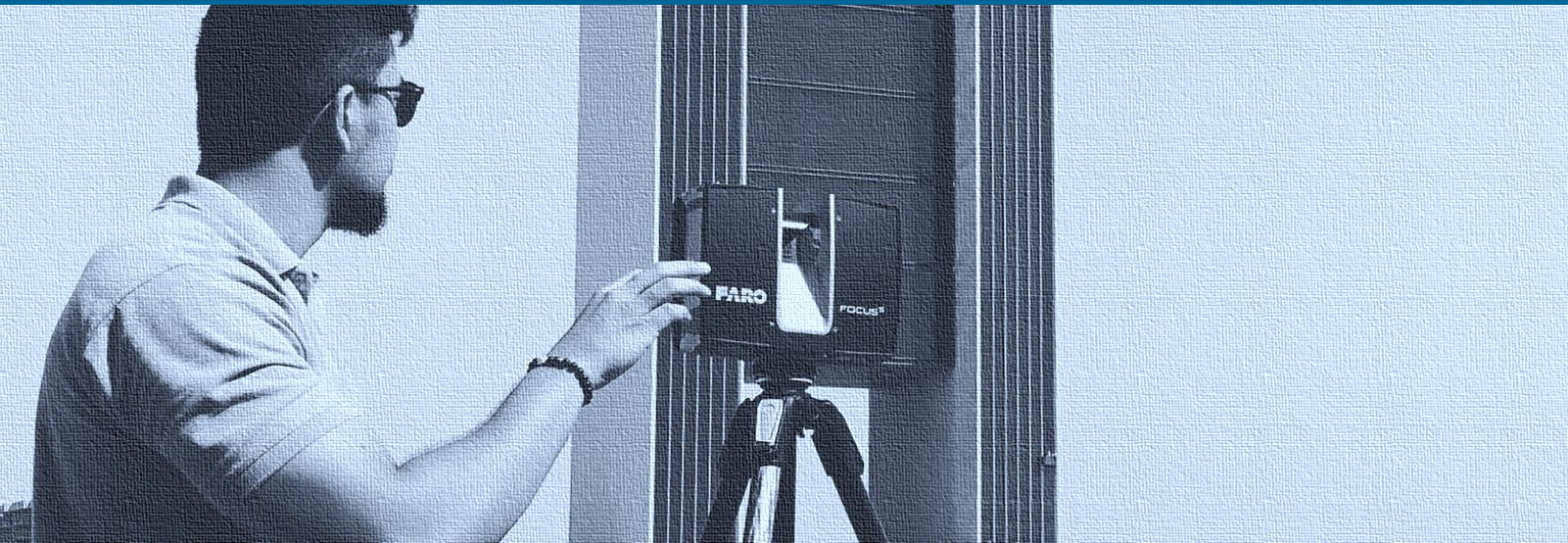


# Microcenter Engineering Services



## About

Microcenter Engineering Services is a leading surveying and mapping company with 19 years of success in the kingdom of Bahrain. Our knowledge and experience spans various fields of surveying including GNSS & GIS systems, Topographical and Underground Utility Surveying. We have continually upgraded ourselves by adapting to new age sophisticated technology interventions such as LIDAR and GPR which makes us trusted partners for surveying projects and solutions in the kingdom Bahrain & in the middle east.



## VISION

Our vision is to be the leading provider of survey solution services in Bahrain by understanding and meeting our client's unique needs. We aim to leverage advanced technologies and methodologies to deliver the required accuracy and efficiency in all our projects.

## Why Microcenter

We specialize and utilize various advance surveying equipment's to cater diverse project challenges. MicroCenter commitment to quality assurance and robust technical support guarantees reliable performances and minimize downtime. The blend of our diverse experiences, knowledge, various surveying equipment's and strategic advantages positions MicroCenter Gulf Engineering as a trusted and effective company for surveying solutions.

## Benefits

- Provide customized solutions to meet the unique requirements of different project to different clients.
- Provide local expertise while adhering to global engineering standards.
- Being based in Bahrain allows for quick and efficient service to clients within gulf region.
- Having experienced engineers of different engineering field to meet the project challenges.
- 15 years of industry of experience in detecting and mapping underground water and electrical utilities while being pioneers in LiDAR and GPR based surveying.



# Projects



## P964 Topo Survey - NSA-I + NSA-2

**Project:** Establish and document Control points and perform Topographic and Planimetric Survey in NSA + Topographic Surveying and Utility Survey at Naval Support Activity, NSA-II, Mina Salman Pier Area.

**Survey type:** Topographic, Planimetric Survey and Underground Utility Survey.

**Area covered:** 2130000m<sup>2</sup>.

**Location:** Manama Bahrain + Prince Khalifa Bin Salman Causeway, Manama Bahrain.



## King Fahad Causeway Authority - KFCA Utility Mapping - Saudi Arabia & Bahrain

**Project:** : Survey of underground utilities in both border island - Bahrain & Saudi Arabia side.

**Survey type:** Underground Utility Survey.

**Area covered:** 685740m<sup>2</sup>.

**Location:** King Fahad Causeway Al Jasra Bahrain.



## ALBA Aluminium Bahrain - Plant wide GPR Scanning in Open Areas

**Project:** : Plant wide GPR Scanning in Open Areas in Alba Club, Calciner & Marine, and ALBA Smelter.

**Survey type:** Underground Utility Survey.

**Area covered:** 500000m<sup>2</sup>.

**Location:** Askar Bahrain



## Riyadh Sports Boulevard project

**Project:** In the bustling city of Riyadh, Kingdom of Saudi Arabia, a team of experts embark on a topographic survey using cutting-edge mobile mapping technologies for the prestigious Riyadh Sports Boulevard project area. As they navigate the bustling streets and crowded highways, they uncover crucial data and information that will shape the future of this iconic development.

**Survey type:** Topographical Survey Using Mobile Lidar.

**Area covered:** 24 Kilometer Road Network.



## Open Trench Utility Network Surveying Service for EWA Bahrain

**Project:** : For the past 15 years, Microcenter Gulf has proudly worked for Electricity & Water Authority of Bahrain to provide open trench electrical and water utility network GIS mapping. The project consists of 11 Teams to carry out the utility survey and each team is assigned to a particular area in Bahrain to cover all areas in the kingdom. Our dedicated team of experts utilizes advanced technology to ensure precise and comprehensive mapping of Bahrain's water and electrical utilities while processing these data's in a specialized software then we map the data in GIS software.





## Our services

### Underground Utility Survey Service



#### Ground Penetrating Radar



#### Radio Detection



#### Manhole Investigation

### Topographical Survey Services



#### Topography Survey



#### Control Points



#### Live and open trench utility Survey

### LiDAR Survey Services



#### Terrestrial Scanning



#### Mobile LiDAR



#### Scan to BIM

Microcenter Engineering Services

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