

AYRUS GLOBAL TECHNOLOGIES

Exceptional American Electronics



EXCEPTIONAL AMERICAN ELECTRONICS

www.ayrusglobal.com

Company Introduction

Situations & Requirements

**Smart Mobile School Solution(SMSS) For
School Bus.**

SMSS Product for School Bus





Made by Ayrus USA

About us

AYRUS -The Global Brand in Advanced surveillance and security solutions From USA. AYRUS is having The comprehensive range of products & solutions for monitoring & securing millions of People & Facilities across the Globe, AYRUS offers an extensive portfolio of high quality products, solutions and services featuring intelligent functionality and modular concepts which enable us to deliver the best Value Proposition & Solutions to our valued clientele.

AYRUS product serve a diverse set of vertical market that include retail, banking and finance, transportation, education, government and residential applications. AYRUS is dedicated to providing global resources with local technical, sales and service supports to its valued customers.





Company Profile



Experience

25 years



Employees

200+



Countries

43+



Partners

9000+



Technology
Partners

+20



Expertise

+20 years

Company Profile



Product

1000+



continents

4



Solutions

40+



Product
Segments

06



Verticals

12+



R&D
Centers

3

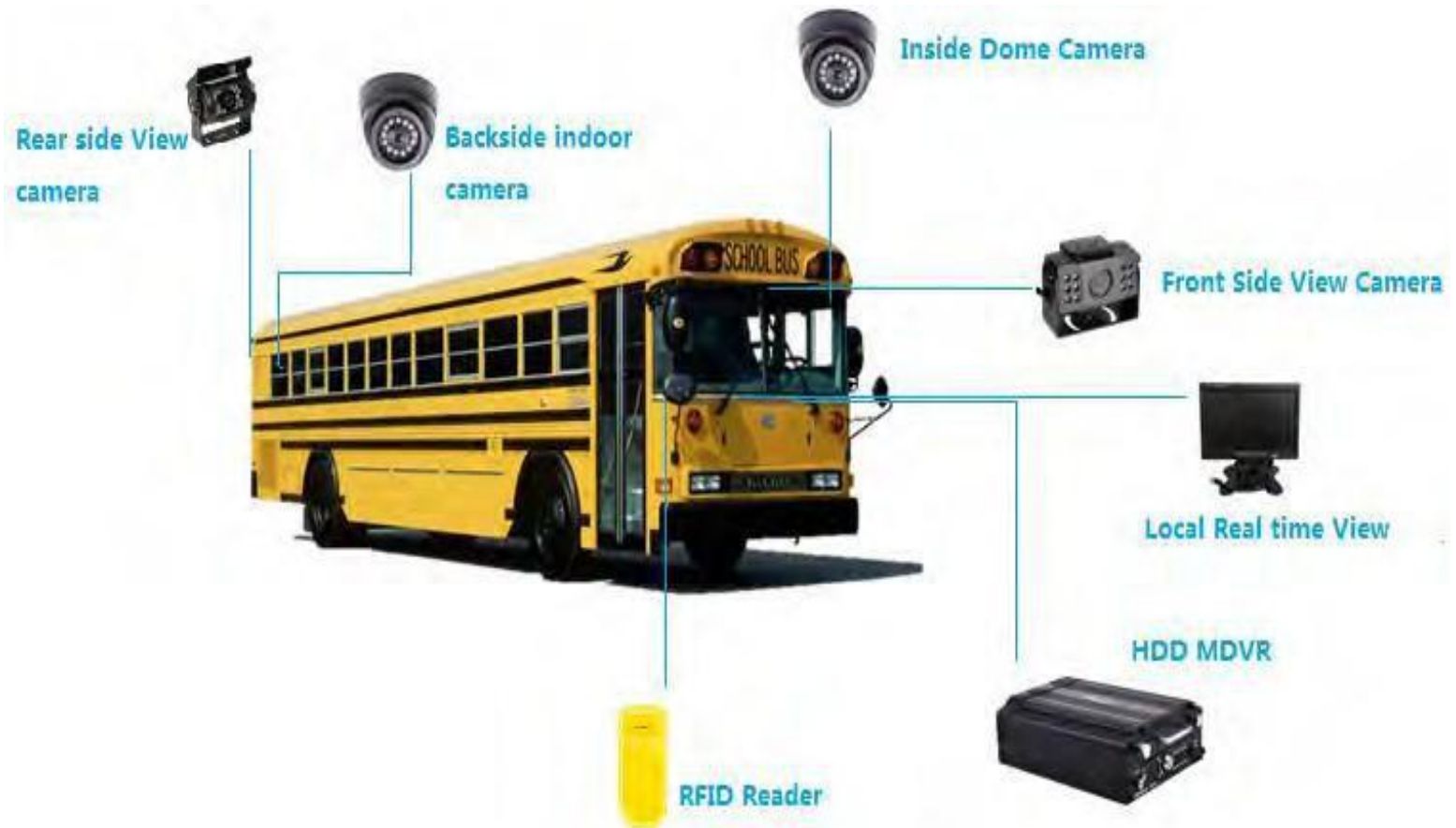


AYRUS SMSS for School Bus



Your Reliable Security Partner

AYRUS advanced smart mobile school solution (SMSS)



Situation for School Buses



Accidents and lack of fast rescue



No info of children boarding status



Overloading



Driver's behavior and safe driving

Requirements for Mobile Security System

**Remote monitoring
and management**

Vehicle info

**GPS location for
fast response**

**Real-time
monitoring**

**Reliable recording
for investigation**

**Boarding info of
students**



AYRUS Global Technologies Company

-the Leading Supplier & Solution Provider on SMSS

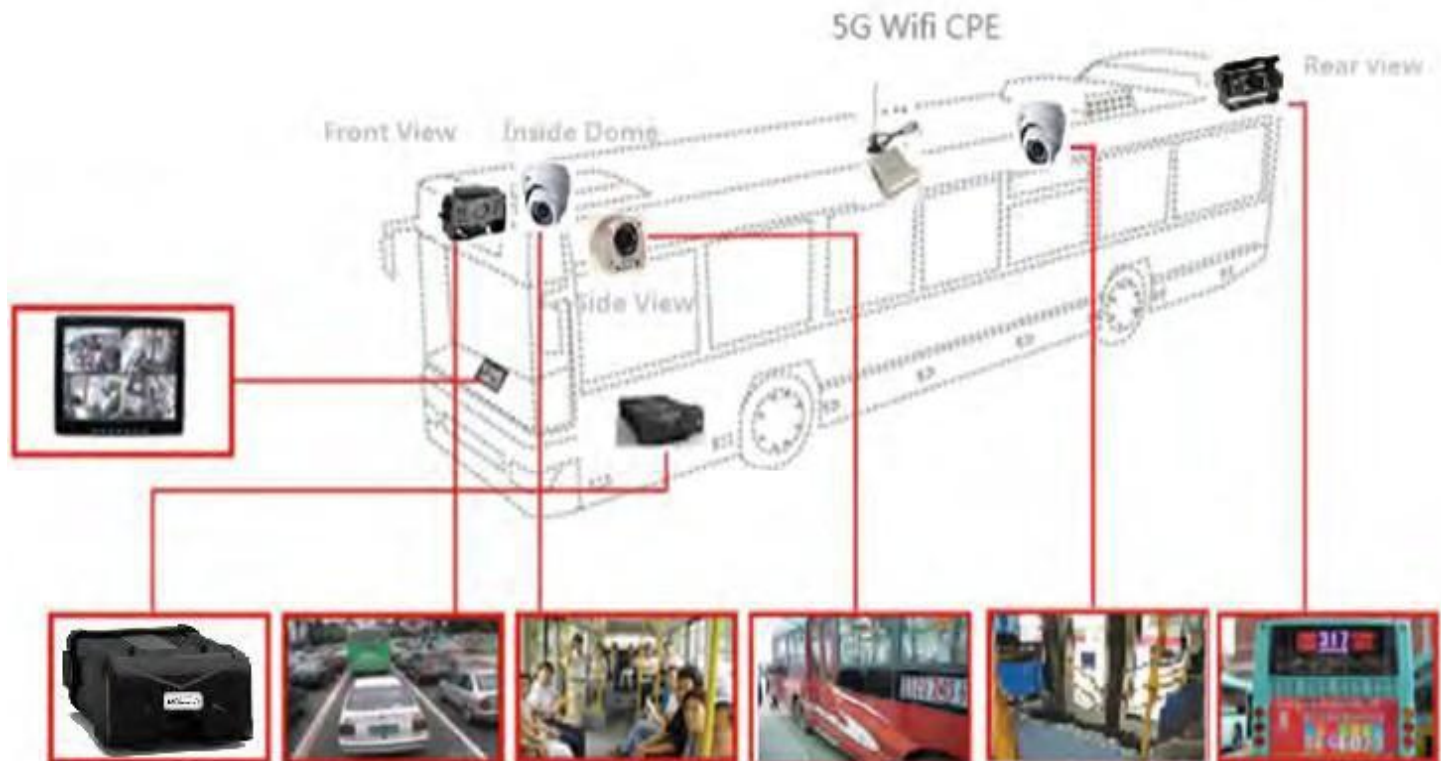
One of the Leading SMSS suppliers and total solution providers, is dedicated to the R&D, manufacturing and sales of SMSS (CMS, mobile DVR, MDT, vehicle camera) and related Wi-Fi products. With good reputation of high quality, cost-effectiveness, tailor-made service and professional support, AYRUS products and systems have been widely applied in many industries like school bus , Police car , fire fighting truck.



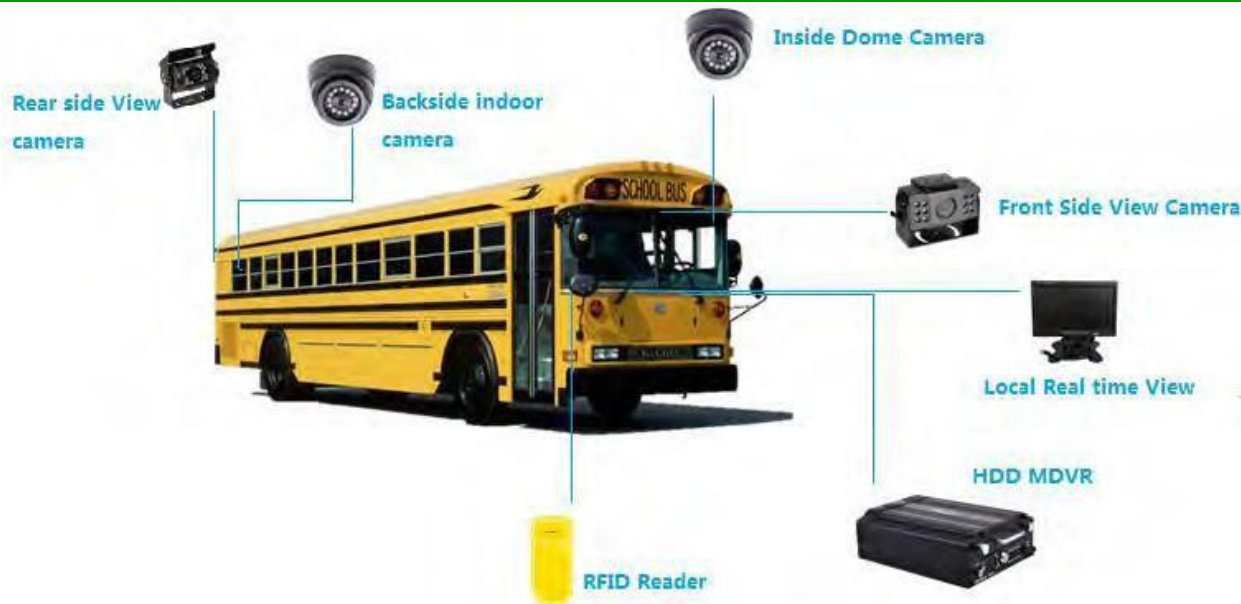
AYRUS Mobile Security Solution



Installation of Vehicle Cameras



Typical deployment for school Bus



Application:

School bus gps tracking, route plan;
Real time remote monitoring/playback;
IO Sensor/emergency alarm, door open & close sensor, ect





Advantages of AYRUS School Bus SMSS

Robust and compact design	High-level robustness and compact design, exceptional anti-vibration and water-proof ability Vandal proof housing, prevent intended damage
Powerful CMS	Professional and User-friendly Central Management Software (CMS)
Spare power supply	The system can still run for 30 minutes with UPS, even the bus engine switch off
Wireless transmission	Various kinds of wireless transmission methods (3G, LTE, Wi-Fi) and automatic data uploading for backing up
Compatible and Open system	Future-proof and open system, with integrated intelligent functions (RFID, mobile client, alarm warning, speed control, electric fence, dispatch
World's leading WIFI products	Transmission rate up to 300 Mbps and distance up to 400 meters, AYRUS's high power 5G Wi-Fi CPE and dual band outdoor AP will greatly enhance the transmission ability for school buses.

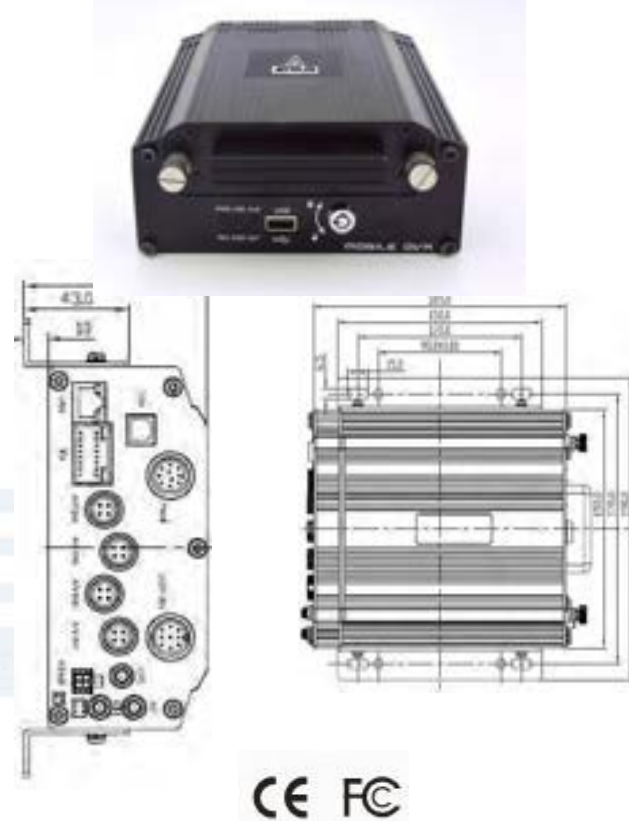


AYRUS SMSS Product for School



3G Mobile DVR with GPS

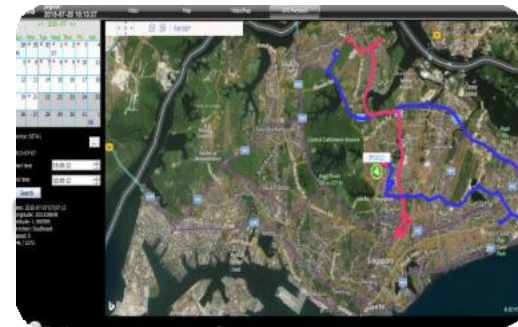
- Supports 4 channels AHD+1 channel 720P IPC (PON)
- Modular design for easy maintenance
- Revolutionary anti-vibration technology for 360 degree installation
- Supports 2.5" 2TB hard disk and SD card for mirror recording
- Dual streams for local recording and wireless transmission
- Internal GPS for location tracking, 3G/4G for live view and management (optional)
- Internal Wi-Fi 802.11n supported for auto downloading (optional)
- Built-in inertia sensor



AYRUS on-board cameras series

Picture	Name	Picture	Name
	Outdoor rear view camera IP67 waterproof, vandal proof For school/public bus, truck		Mini vehicle camera Super mini design, wide view angle Suitable for taxi/car
	Indoor dome for inside view Vandal proof, support audio For school/public bus, truck		HD IP Camera Wide view angle: 92° For HD video recording
	Indoor front view camera Easy and flexible installation For school/public bus, truck		Outdoor side view camera Mirror function, compact design For school/public bus, truck
	PTZ Vehicle camera 264x varifocal, IR distance 80m For police car		PTZ Vehicle camera 264x varifocal, all-weather design For police car

AYRUS Powerful CMS



◆ Auto Event Push

◆ Remote Viewing & Real time Tracking

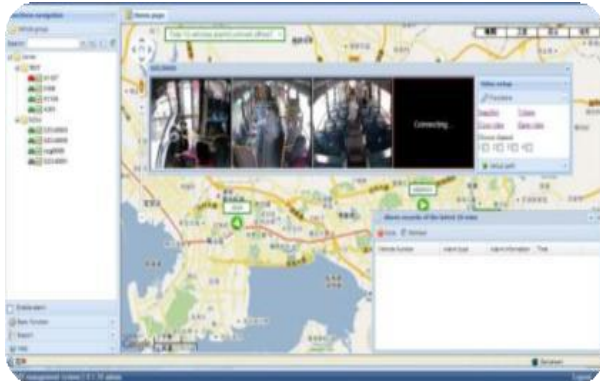
◆ Geo fence & Alarm report

- ◆ AYRUS's CMS can manage up to 2000 vehicles per server.
- ◆ Accurate GPS location and real time transmission
- ◆ Extendable function like RFID, Alarm, Fuel

Detection, Fleet Management



AYRUS Powerful CMS



Remote Viewing & Real time Tracking

Onboard Mobile DVR can upload data to data centre. We provide client software and web client page for remote viewing, real time location tracking, displaying vehicle status and device information etc.

Auto Event Push

When the mobile DVR receives the signals from vehicle, sensor or GPS, it will push these information to data centre immediately. So, back officer can check what happen at once.



AYRUS expanded system for car Internet

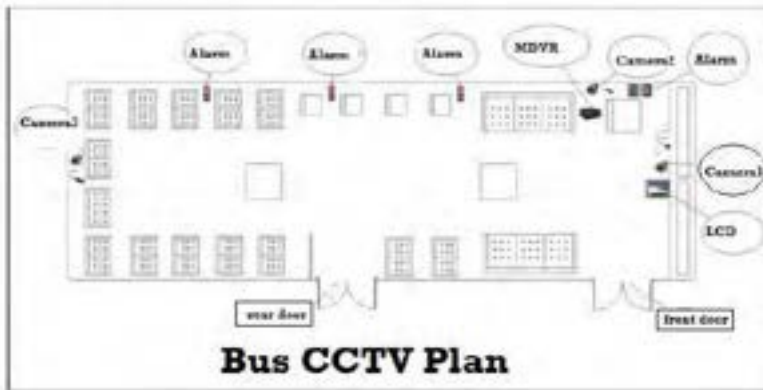
- ◆ Greatly improve the experience of surfing the internet in vehicle, meeting increasing demand for in-vehicle Wi-Fi coverage
- ◆ Downloading and watching live movies become available and practical.
- ◆ Provide value added service (VAS), enhancing the competitiveness of bus operators



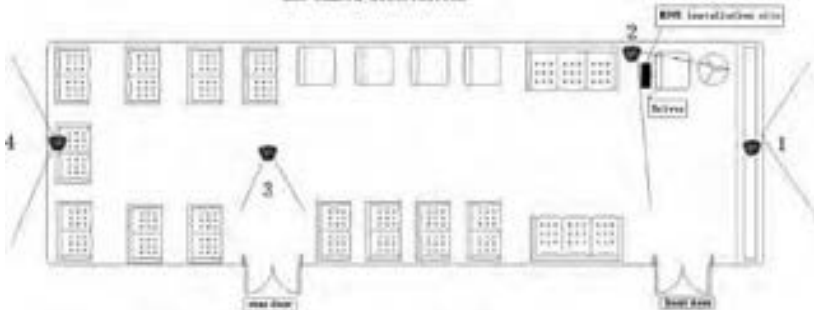
MDVR System Diagram

Bus installation

Equipment distribution



Bus Camera distribution



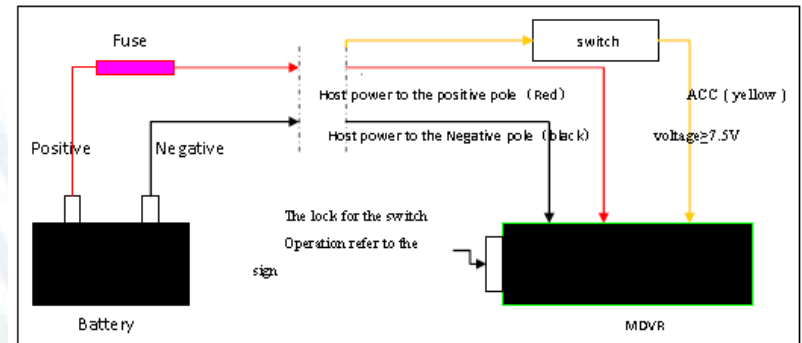
The installation of camera and DVR will depends on actual condition for the bus.



Power connection And other system

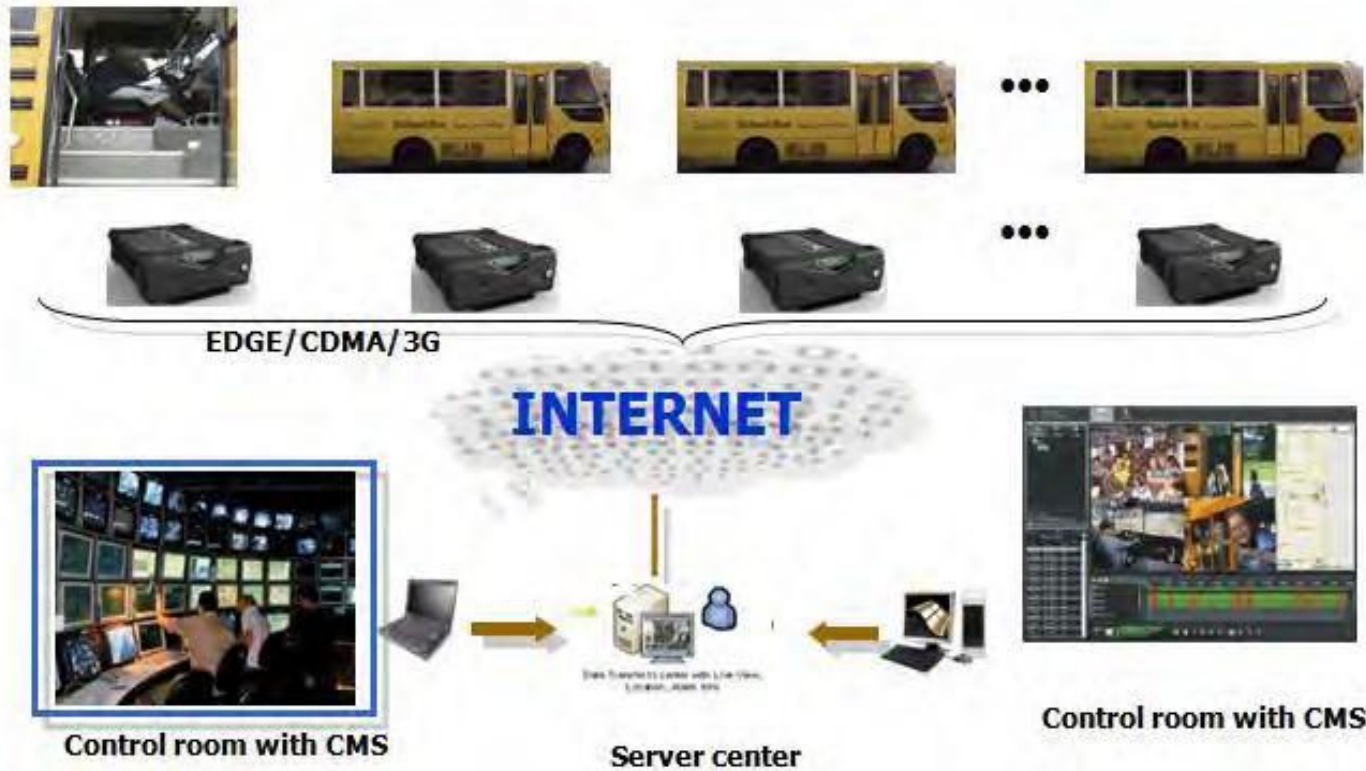


Get power from power controlling box



System Structure for Bus Installation

Bus System control Center

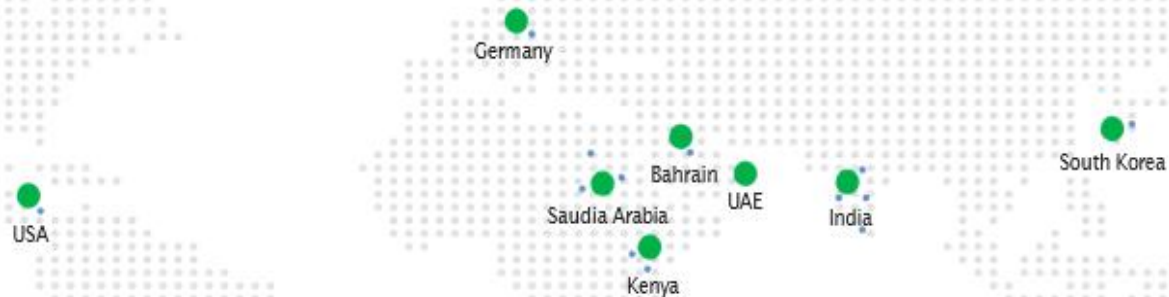




Partner with **AYRUS** to get the full benefits &
**Solutions in Every Vertical
Market**

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