OrsaAI-DC
ACCURATE DATA. CLEAR DIRECTION.

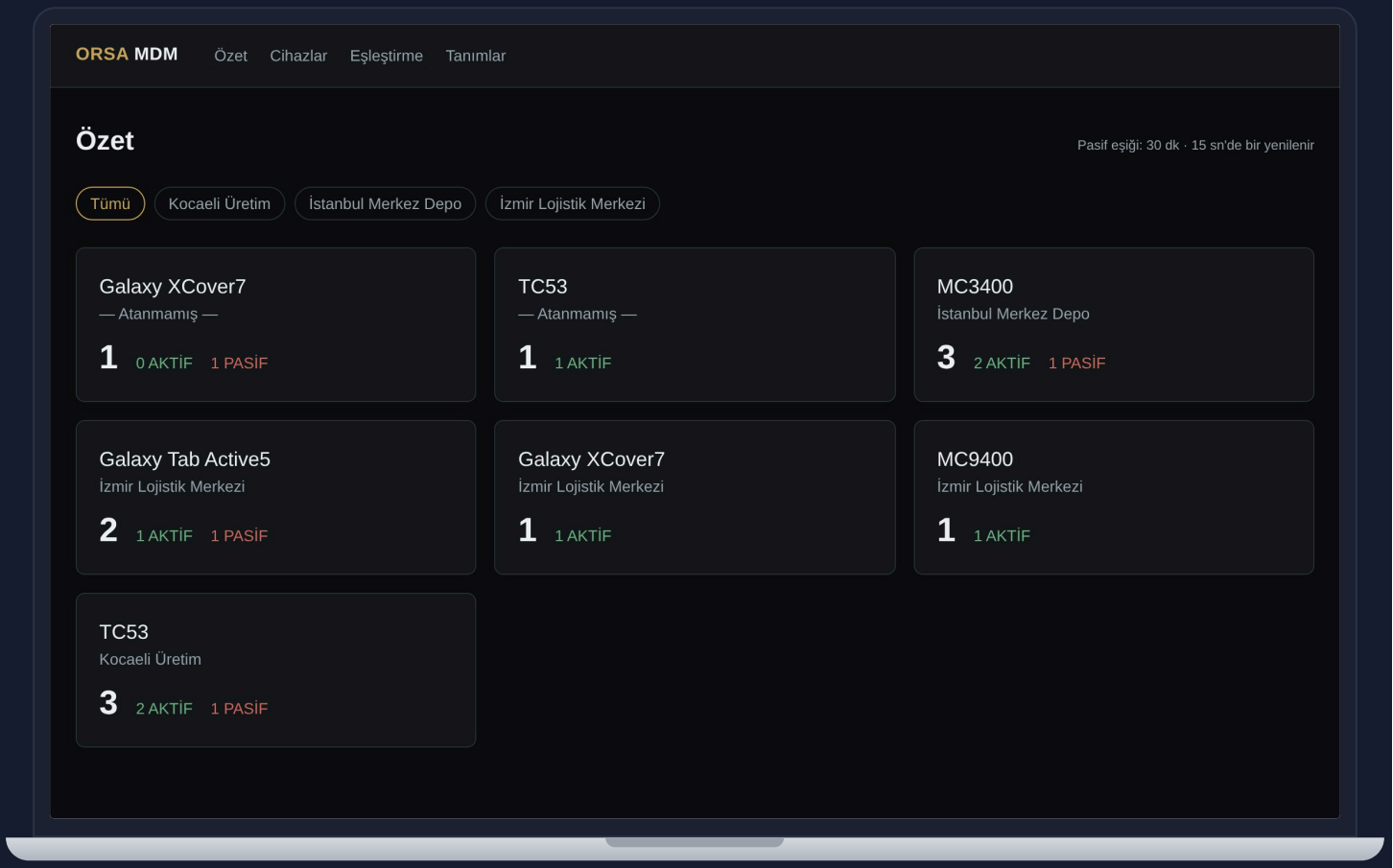
An ORSA AIDC solution

Orsa MDM

Your handheld terminal and tablet fleet, any brand, on one panel: a device visibility system

FOR MULTI-PLANT MANUFACTURING AND LOGISTICS COMPANIES

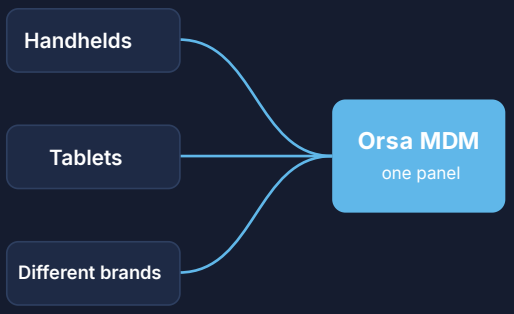
1 Set up — 2 Assign — 3 Track — 4 Report



THE PROMISE

You know how many devices you have. Know where they are, too.

In most companies, which plant and unit each handheld terminal is assigned to, and whether it is working right now, lives in an Excel sheet; the truth is in the field. Orsa MDM asks the device itself, not a person.



BENEFITS

What does Orsa MDM change?

Because inventory lists go stale; a device's own signal doesn't.

01 Any brand works
Android handheld terminals from different brands appear on one panel. A manufacturer's own cloud tool sees only its own devices; you see the entire fleet.

02 No internet access needed
The system runs fully on your server. Device data never leaves the company network; no cloud subscription, outbound link or transfer approval needed.

03 Setup takes minutes
The server side comes up with a single Docker command. The agent has no screen for the operator; at setup, IT scans the setup QR code once.

04 See how shifts really run
Each device's morning power-on and evening power-off time is logged. Unused devices, missed shifts and idle hardware show in the report.

05 Tracks devices, not people
The panel holds region, plant and unit; no staff names. So the KVKK/GDPR briefing is short and setup approval comes faster.

KEY DIFFERENCES

Six differences

15 min Device signal interval	**Docker** One-command setup	**5,000** devices on one server
90 days Signal history kept	**Android 8+** Supported version	**Browser** No installation

HOW IT WORKS

How it works — three parts

1 — 2 — 3

Agent

A small Android app on the device. It sends a signal every fifteen minutes and also reports power-on and power-off. If the network drops, records queue on the device and flow in order once back online. No user interface; it never distracts the operator.

Server

An app and database running with Docker on your server. It collects signals and derives active–passive status and shift hours from them. No outbound connections.

Panel

Management screen opened in a browser: device list, plant and unit definitions, assignment, shift report and alerts. Works on phones and tablets too.

Remote updates and config deployment come licensed in the upper tier; basic visibility and assignment are in every installation.

COMPARISON

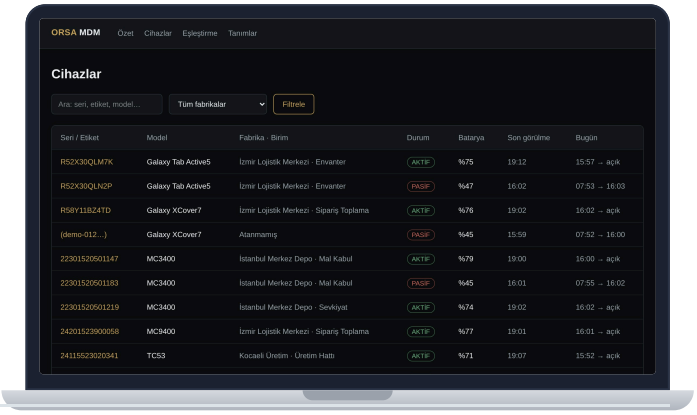
Versus OEM cloud tools

	With the OEM cloud tool	With Orsa MDM
Brand coverage	Only that OEM's devices	✓ **All brands on one panel**
Data location	OEM's cloud, offshore	✓ **Your own server, inside your network**
Network	Devices need internet access	✓ **Intranet is enough, no outside link**
Cost	Monthly fee per device	✓ **Setup + license; subscription optional**
Setup	Account, device enrollment, cloud pairing	✓ **One Docker command, enroll by QR code**
Assignment	Usually none or limited	✓ **By plant and unit, managed from the panel**
KVKK/GDPR	Cross-border transfer must be disclosed	✓ **Data stays in-house, no staff names stored**

ON SCREEN

Your whole fleet, one panel.

Android handheld terminals from different brands appear in one list; with plant and unit filters, each team views its own devices.



IN THE FIELD

What does Orsa MDM solve?

Assignment & ownership

Every device is assigned to a plant and a unit. When it changes hands, the record is updated in the panel; "who has this terminal?" stops being a debate.

Spot idle devices

A device silent for days rises to the top of the list. A terminal forgotten in a drawer, broken or lost is found before a new one is bought.

Multi-plant visibility

Bolu, Manisa, Eskişehir on one screen. Central IT sees every site from one place; with the plant filter, local teams see only their own devices.

Shift start check

Power-on and power-off times are logged. A terminal not on at shift start is spotted and handled the same day, before production stalls.

Battery & charging

Each signal reports battery level and charge state. Devices stuck on low battery and batteries due for a swap show in the report.

Version tracking

Which Android and agent version each device runs is visible in the panel. Updates are planned from a list, not from guesswork.

ORSA MDM

Panel features

01 Device list
Brand, model, serial no., version; plant and unit filter.

02 Active / passive
Live status from last signal; threshold adjustable.

03 Assignment
Device assigned to plant and unit; changes logged.

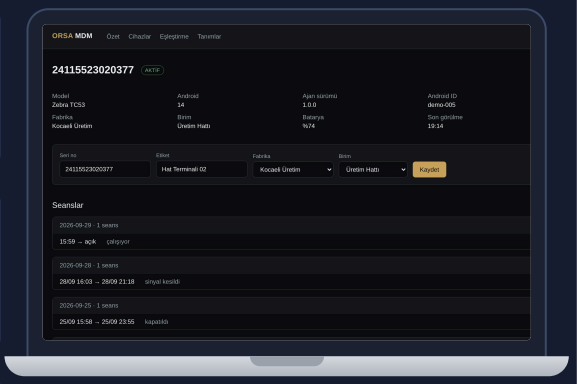
04 Shift report
First power-on and last power-off, per day.

05 Battery
Level in every signal; low-battery trends show.

06 Signal history
90-day record; per-device timeline.

07 Multi-plant
Multiple sites in one install; permission-based views.

08 Alerts
Low battery, night charging, license expiry.



SETUP

Three keys to a smooth setup

The right device ID

Brands report serial numbers differently. At setup, the ID method is picked per brand; if needed, the serial no. is entered once in the panel and persists.

Realistic threshold

Default: a signal every 15 minutes, a 30-minute silence limit. The pilot tunes it to the site's real Wi-Fi: no false alarms, no late detection.

Deploying the agent

Install the app manually or with your existing deployment tool. For big fleets, a setup QR code is made per plant and the field team scans each device.

ROLLOUT

Rollout in three phases

1 — 2 — 3

Setup

The Docker package goes on the server; plants and units are defined. The panel is live the same day.

Pilot

Ten devices at one plant to start. Signal pattern, thresholds and assignment flow are field-tested.

Scale-out

Phased move to other plants, team training and report handover.

Pricing is setup plus license by device count; remote updates are in the upper tier. A firm quote follows discovery.

PILOT

Try it on your own fleet.

Pick one plant and ten devices. We'll install the agent, open the panel and, for two weeks, track together where the devices really are. Compare your inventory list with the field.

Request a pilot

www.orsaaidc.com

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