

ALAMEDA HOUSING AUTHORITY · ALAMEDA POINT · NXT ROBOTICS

TWELVE ACRES. FIVE ROVERS. ZERO MAJOR THEFTS.

A hybrid autonomous fleet secured \$2.5M in construction assets across 12 acres of remediated former U.S. Coast Guard housing land at Alameda Point – then adapted, without redeployment, into a resident-safe posture as 586 affordable homes came online.

12

ACRE SITE

586

AFFORDABLE HOMES

5

AUTONOMOUS UNITS

23

MONTHS ON SITE

THE CHALLENGE

Federal surplus land is the hardest kind of site to secure. The 12-acre North Housing parcel had multiple access points, terrain in flux from active soil remediation, and no usable legacy fence line – while holding heavy equipment, copper and HVAC assets worth over \$2.5 million through an 18-month build.

Continuous guard coverage was quoted near **\$25,000 per month** – unsustainable against an affordable housing budget. And the answer could not simply be more presence: the same site would soon house formerly homeless residents, veterans and seniors moving in on a phased schedule. Security had to protect the asset without intimidating the people it was built for.

THE DEPLOYMENT

NXT Robotics deployed **three Scorpion UGVs** for perimeter and asset patrol across rugged post-industrial terrain, and **two Maverick UGVs** for quiet interior and occupied-area monitoring. All five units feed **RobotogoAI as a Service** through a single NXTFusion console – laptop, tablet or phone. No control room. No capital outlay by the Housing Authority.

Perimeter Integrity

Multi-access-point coverage, 20-minute nightsweeps

Anomaly Detection

After-hours movement, loitering, unauthorized entry

Authorized-Access Recognition

Contractors, meal delivery, healthcare providers

High-Value Asset Protection

Geofenced equipment, copper and HVAC staging

Environmental Compliance

Routes cleared of treated soil and monitoring gear

Resident-Safe Operation

Sub-45 dB, no pursuit behavior near occupied units

WHY THIS MODEL WORKS

One deployment covered two mission phases that would normally require two separate contracts. The sensor layer watching the fence line during construction became the layer monitoring vacant units and common areas during move-in – a software posture change, not a new procurement, no second console to staff.

Phase 1 – Construction

JAN 2024 – AUG 2025

20-minute night perimetersweeps · geofenced asset zones · anomaly detection tied to contractorscheduling

Phase 2 – Transition to Occupancy

SEP – NOV 2025

Modified patrol patterns for phased move-in · community-mode audio · coordinated handoff to property management

AT A GLANCE

SITE
North Housing, Alameda Point
Former USCG housing land, NAS Alameda

CLIENT
Alameda Housing Authority

FLEET
3 × Scorpion UGV
2 × Maverick UGV

PLATFORM
NXTFusion
+ RobotogoAI as a Service

SUPERVISORY AI
Nexie

MODEL
AI as a Service
zero client capital outlay

PERIOD
Jan 2024 – Nov 2025

COVERAGE ZONES – ONE CONSOLE

- 12-acre construction perimeter & access points
- Equipment yards & high-value material staging
- Occupied units & common areas – Estuary I, Linnet Corner

“

NXT's rovers gave us reliable, cost-effective security that adapted through every phase of the development. Most importantly, the technology never felt **intimidating** to our site workers and newly arriving residents. These rovers became a trusted, almost friendly presence on site.

Jennifer Ott

Chief Executive Officer, Alameda Housing Authority

NEXIE: THE TAP ON THE SHOULDER

Cameras produce footage. Nexie produces decisions – reading every sensor through specialty bots and surfacing only what the operator needs to act on, in plain language, on the channel they already use.

01 BEFORE PLAN

Nexie sets the night from site conditions – which access points ran hot last week, where materials are staging, which remediation zones are off-limits to wheels.

Copper delivery lands Tuesday. Tighten north yard sweeps.

02 DURING UNDERSTAND

Live prioritization across all five units. Not an alert wall – a ranked, human-readable nudge to the one person who can act on it, right now.

Movement at the east fence line, 02:14. No crew scheduled.

03 AFTER OPERATE BETTER

Replay of what happened, what was missed and what to change – so each week tunes patrol routing, and the build phase hands cleanly to the occupancy phase.

Trespass events down to under one per week.

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MAJOR THEFT INCIDENTS

94%

FEWER TRESPASS EVENTS

67%

LOWER SECURITY COST

\$320K

LOSSES PREVENTED

2,840

GUARD HOURS RETURNED

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North Housing at Alameda Point is a development of the Alameda Housing Authority on 12 acres of former U.S. Coast Guard housing land conveyed as Department of the Navy surplus. NXT Robotics was engaged by the Alameda Housing Authority; this deployment was not performed for or on behalf of the U.S. Coast Guard, the Department of the Navy or any federal agency, and no federal endorsement is stated or implied. Cost and incident figures reflect client-reported results for this deployment; site-level performance data available under NDA. NXTFusion, RobotogoAI, Scorpion, Maverick and Nexie are marks of NXT Robotics Corp.