

Vygard

Complete Feature List

So no-one works alone.

One safety platform across two product lines - **12 industrial sector apps** and **13 personal safety apps** - all sharing the same core safety engine: SOS, fall detection, check-ins, geofencing, escalation, off-grid & satellite cover, and the Howie AI watcher.

Industrial Care · Construction · Fleet · Security · Rescue · Forestry · Waste · Elder Care · Petrochem · Farm · Healthcare · Utilities

Personal Cycling · Running · Hike · Climbing · Equine · Sailing · Ski · Drive · Night · Kids · Family · Solo Travel · Active

Vygard - Complete Feature List

One platform, two product lines. Every app shares the core safety engine below; each entry then describes what that app is for and the features it adds on top.

Core platform - in every Vygard app

SOS	one-tap, voice-activated, and silent panic-gesture triggers
Man-down / fall detection	accelerometer-based, tuned per sector & activity
Check-ins	scheduled check-ins; a missed one auto-escalates
Live location & geofencing	live position to dispatch; geofence enter/exit alerts
Escalation cascade	supervisor -> on-call manager -> ARC / 999, until acknowledged
Off-grid store-and-forward	queues SOS + location in a blackspot, sends when signal returns
Satellite support	paired Garmin inReach relays SOS + location with no mobile signal
Howie - AI watcher	proactive welfare nudges, SOS briefings, PPE/cert-gap detection
Wearables	Apple Watch, Wear OS, and intrinsically-safe / ATEX devices
Audit log & PDF export	every event timestamped, signed, exportable for HSE / CQC / RIDDOR
Biometric sign-in & push	Face ID sign-in; push notifications for alerts
Admin console	live map, war room, alerts, and leadership dashboards

Industrial apps - 12 sector packs

Vygard Care

Replaces the WhatsApp groups, missed check-ins and Excel rotas behind thousands of solo home visits a week with a CQC-ready safety system carers actually use.

- Visit verification (NFC + GPS)
- Lone-female-night-visit risk scoring
- Hostile-address register
- Medication double-check (eMAR)
- Body-map & safeguarding record
- CQC-ready audit export
- Two-carer / lost-buddy support

Vygard Construction

A digital permit-to-work register and training-cert gate that blocks unticketed workers from clocking on, with fall detection and auto-generated RIDDOR reports for Tier 1/2 sites.

- Permit-to-work register
- Clock-on gate (cert-checked)
- Confined-space entry + live gas readings
- RAMS / method-statement sign-on
- Man-down + fall detection
- AI pre-work hazard scan
- Auto-RIDDOR generator
- Toolbox-talk library

Vygard Fleet (Driver)

Binds hours-of-service, fatigue scoring, weather/flood overlays and SOS into one ops view - so fleets stop getting fined for tacho breaches and can prove driver behaviour to insurers.

- UK/EU hours-of-service compliance
- Reaction-time fatigue test + score
- Weather / traffic / flood overlay
- Vehicle walkaround pre-check
- Delivery POD / signature capture
- Insurance-grade audit trail
- AI dispatcher copilot

Vygard Security

Replaces legacy guard-tour systems with NFC checkpoints and voice-first dispatch so ARC/monitoring staff stay hands-free - with body-cam evidence linked to every SOS.

- NFC patrol checkpoints
- Voice-first, hands-free dispatch
- Live crime overlay
- Body-cam on SOS
- Witness-statement capture
- Lockdown timer
- Handover + incident log

Vygard Rescue

Replaces volunteer pagers and SARCALL with a real-time call-out cascade, an MREW-format casualty card that exports to HEMS, and a digital search grid + compass.

- Call-out cascade with live ETA roster
- Search-grid assignment (200 m squares)
- MREW casualty card + ATMIST handover
- Digital compass with declination
- Coordinate / bearing push to rescuer
- Multi-agency feed

Vygard Forestry

Built for the four hardest lone-worker conditions - no GSM under canopy, life-threatening bleeds, solo work and heavy kit. Adds the feature no panic button has: Apple Watch chainsaw-cut auto-detection.

- Apple Watch chainsaw-cut / kickback auto-detection
- FISA 302 chainsaw daily pre-use
- Type-A PPE gate (EN ISO 11393)
- LOLER climbing-kit inspection
- Chipper + brushcutter pre-use
- Live vitals to dispatcher
- 30-min FISA 304 lone-work cadence
- what3words + nearest-road RV in every SOS
- Satellite-fallback SOS

Vygard Waste Operations

Fall detection tuned to the bin-lifting motion (no false positives from the lift cycle), automatic crew-to-vehicle pairing, and an anonymised aggressive-resident registry shared across the round.

- Trip & fall detection (bin-motion-tuned)
- Crew + vehicle pairing
- Aggressive-resident registry
- Route progress map
- Sharps + biohazard exposure log
- Reversing-zone proximity alert

Vygard Elder Care

The same safety engine, redesigned for the person being cared for - huge text, three big buttons and voice SOS - with the family alerted the moment something happens, not hours later.

- Man-down tuned for elderly falls
- Three buttons, huge text
- Voice SOS, hands-free
- Daily 'I'm OK' check-in
- Medication reminders
- Family-side companion app

Vygard Petrochem

The only lone-worker platform that runs on intrinsically-safe ATEX handsets, streaming live vitals and gas readings into a heat-stress index that auto-evacuates a worker before they collapse.

- ATEX device pairing (Bartec / Ecom / Aegex / i.safe)
- Real-time vitals (HR, SpO2, temp) from IS wearables
- Heat Stress Index (auto-evacuate)
- Live multi-gas overlay (LEL, H2S, O2, CO)
- Permit-to-work blocker
- Digital muster / roll-call (POB)

Vygard Farm Safety

For the UK's deadliest sector - satellite-fallback SOS where there's no mast for miles, ATV rollover detection tuned to quad physics, and a nearest-neighbour peer-aid network that gets a real person to the gate in minutes.

- Satellite-fallback SOS (no GSM)
- Quad / ATV rollover detection
- Nearest-neighbour peer-aid network
- Livestock-zone & bull-field hazard flags
- Machinery pre-use checklist
- Timed last-seen check-in

Vygard Healthcare

Lone-worker safety for community nurses, health visitors and mobile care teams - pre-visit risk briefing, one-tap escalation to on-call backup with live audio, and a DSPT-ready audit log.

- Hostile-patient / address register (Caldicott)
- Push-to-backup with live audio
- Attend-in-pair / seat-near-exit workflow
- Pre-visit risk briefing
- 30-min visit timer, auto-escalate
- DSPT 7.3 compliance audit log

Vygard Work (unified)

The base platform for utilities engineers, surveyors and gas/water/telecom technicians who don't fit a named vertical - all the core safety, plus optional modules as you grow.

- Core SOS + man-down
- Gas-sensor pairing (confined space)
- Per-job risk assessment
- Escalation policy engine
- Cross-region buddy pairing
- Confined-space entry timer

Personal apps - consumer safety (Strava-connected marked)

Vygard Active ● STRAVA SYNC

One subscription covering eight solo activities - cycling, running, hiking, climbing, sailing, skiing, driving and the walk home. Cheaper than a single Strava sport sub, with safety + Strava sync across every mode.

From £10.99/mo (early-bird) · 8 sports in one

- 8 modes, one subscription
- One Strava connection across all sports
- Shared trusted contact + escalation
- Cross-mode session history
- Shared SMS allowance
- Drive mode bundles vehicle admin

Vygard Cycling ● STRAVA SYNC

Crashes on a bike are different - high-speed, often miles from anyone. Watches the accelerometer 50x a second and, if you don't dismiss within 60 seconds, sends your contact a live pin + SOS.

From £4.99/mo · £39/yr

- Crash classifier tuned for cycling
- Live route share
- Bike theft alarm
- Apple Watch + Wear OS
- Weather + route briefing
- 999 fallback if contact unreachable

Vygard Running ● STRAVA SYNC

For solo evening runs, dark early starts and running alone. Shares your live pin with one chosen person, watches for what you can't see coming, and stays out of the way the rest of the time.

From £4.99/mo · £39/yr

- Fall + 90s stillness detection
- 'Follow me home' last-mile mode
- Silent panic gesture
- Quiet hours respected
- Heat + cold flags
- 999 fallback

Vygard Hike ● STRAVA SYNC

The layer that catches a missed check-in on a winter Munro or a fog-bound ridge before anyone at home would think to worry - OS mapping, weather alerts and what3words SOS.

From £4.99/mo · £39/yr

- Route plotting on OS 1:25,000
- Met Office weather alerts
- what3words SOS for 999
- Smart 'no check-in' escalation
- Fall detection for descent falls
- Works on cellular Watch alone

Vygard Climbing ● STRAVA SYNC

A belay buddy in your pocket - distinguishes a clean catch from a ground-fall and escalates only the falls that matter, across trad, sport and bouldering.

From £7.99/mo · £59/yr

- Clean-catch vs ground-fall classifier
- Bottom-of-pitch buddy check-in
- Multi-pitch awareness
- Bouldering 'no-move' alert
- Apple Watch Ultra recommended
- Mountain Rescue + 999 cascade

Vygart Equine ● STRAVA SYNC

Falls from a horse are higher-impact and more lateral than the standing fall other apps are trained on. This classifier learned the right profile, with bridleway-aware location.

From £7.99/mo · £59/yr

- Fall-from-horse classifier
- Bridleway-aware location
- Wet + dirt-tolerant sensors
- Rider HR tracker
- Yard mode for shared bridleways
- 999 + named contact in parallel

Vygart Sailing ● STRAVA SYNC

For single-handers and weekend yachties - watches immersion, a sudden HR drop and stillness together to auto-fire man-overboard to the boat and a shore contact within seconds of hitting the water.

From £7.99/mo · £59/yr

- Auto man-overboard (3-signal fusion)
- Cold-shock HR pattern
- Free-fall accelerometer profile
- Crew + solo modes
- Optional VHF DSC trigger
- Solo skipper failsafe

Vygart Ski ● STRAVA SYNC

Three independent safety layers for solo and off-piste skiers - avalanche stillness detection (buried but heart still beating), hard-fall on piste, and a lost-on-mountain check-in.

From £7.99/mo · £59/yr

- Avalanche stillness detection
- Hard-fall classifier
- Lost-on-mountain check-in
- Resort + off-piste modes
- Cold-shock HR profile
- Group-wide visibility

Vygart Drive

A crash safety net for a new driver, a parent doing a long solo trip, or the weekly motorway commuter - real crash detection and a live ETA, staying out of the way otherwise.

From £4.99/mo · £39/yr

- Real crash detection
- Live ETA (not live tracking)
- Drowsiness + lane-drift alerts
- Safe-stop panic mode
- Hire-car friendly
- 999 + contact in parallel

Vygart Night

For the walk home from a late shift or a quiet train at 23:40 - a friend already watching the pin, a fake-call button, and a silent panic gesture that takes one wrist-tap.

From £4.99/mo · £39/yr

- Auto-expiring route share
- Fake-call rescue
- Silent panic gesture
- Discreet phone face
- Smart check-in pulse
- 999 + friend in parallel

Vygard Kids

A safety net for the 8-14 school commute on whatever phone or watch they already carry - no social feed, just 'left school / arrived / at home' and one big SOS, paired to a quiet parent dashboard.

From £9.99/mo per child — covers both parents

- One-tap SOS on the watch face
- Geofence on / off alerts
- Two-way call from the watch
- Quiet hours (no buzz at school)
- Both parents on one subscription
- GDPR-grade child privacy

Vygard Family

Peace of mind for an ageing parent or vulnerable relative - auto fall detection, a family group that all get the same alert, and medication reminders that flag a missed dose.

From £9.99/mo per relative — whole family included

- Auto fall detection (elderly-tuned)
- Whole family group on one alert
- Medication reminder, tap-to-dismiss
- Call / Message / Locate quick actions
- Live alerts feed
- Multiple watch roles

Vygard Solo Travel

A safety net for backpackers and solo travellers - embassy numbers pre-loaded, hostel check-in monitoring, and a taxi-share that auto-ends so home doesn't have to keep texting.

From £4.99/mo · £39/yr

- Embassy + emergency contacts pre-loaded
- Hostel check-in / check-out
- Taxi-share with auto-end
- Lost-passport SOS
- Travel buddy network
- Safe-area + risk map

Strava integration

The consumer sport apps connect to Strava, so a completed Vygard activity - already carrying the safety layer (live-track, crash/fall detection, SOS) - flows straight to the athlete's Strava feed.

- Connect your Strava account (OAuth) - one connection covers every sport mode
- Auto-publish: finished sessions post to Strava automatically
- Publish a specific ride / run / hike on demand; disconnect & revoke any time
- Enabled in: Active, Cycling, Running, Hike, Climbing, Equine, Sailing, Ski
- Deliberately safety-only (no Strava): Drive, Night, Kids, Family, Solo Travel