



Safe access should feel engineered—not improvised.

Fixed ladders and integrated vertical lifeline systems—surveyed, designed, supplied and installed as one coordinated solution.

THE CUSTOMER PROBLEM

A ladder gets you there. It does not automatically protect the climb.

When the ladder, cage, anchorage and lifeline are considered separately, customers can inherit compatibility gaps, unclear responsibility and avoidable redesign.

Design together. Install together. Handover together.

One coordinated scope creates a safer, clearer project from the first survey onward.



One access solution from ground level to safe roof entry.



01 One design basis

Ladder geometry, rest platforms and lifeline components are coordinated together.

02 One installation team

Fewer interface gaps between access hardware and fall-protection equipment.

03 One handover package

A clearer route for documentation, user training, inspection and future support.

The result: less ambiguity, better coordination and a solution designed around how people actually climb and work.

WHY INTEGRATED WINS



**Better decisions happen when
access and fall protection are
discussed at the same table.**

Fewer design gaps

Attachment, clearance and user movement are considered together.

Cleaner project control

One coordinated technical conversation instead of fragmented supply.

Simpler ownership

Customers know who to call for inspection, changes and after-sales support.

The right ladder depends on the building, the climb and who needs access.



FIXED

Permanent everyday access

Simple, robust access where the ladder can remain available.



RETRACTABLE

Controlled entry

Drop-down sections help restrict unauthorized access at lower level.



REST PLATFORM

Long-climb comfort

Intermediate platforms divide long climbs into more manageable stages.

Start with the site condition—not a standard product code.

FIXED ACCESS LADDERS

Permanent access, built around the structure.

A fixed ladder should feel like part of the building—not an afterthought attached to it.

500 mm

Typical overall ladder width

Serrated

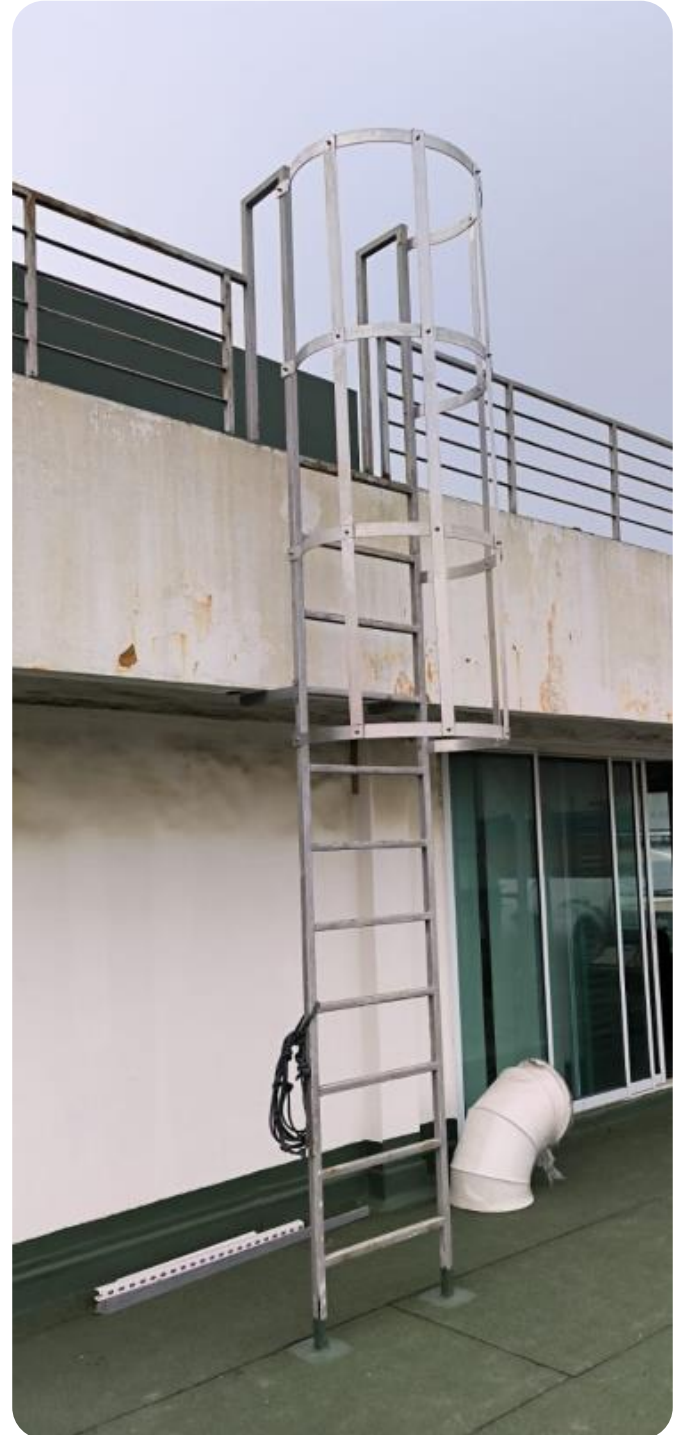
Heavy-duty rungs for grip

Modular

Adaptable to varied applications

Alloy

Lightweight, corrosion-conscious construction



CUSTOM BRACKETS • HANDRAILS • SAFETY CAGES • SECURITY DOORS

CONTROLLED ACCESS

Available when needed. Out of reach when it is not.

Retractable lower sections are useful where the access point must remain controlled at ground level while preserving a permanent route above.

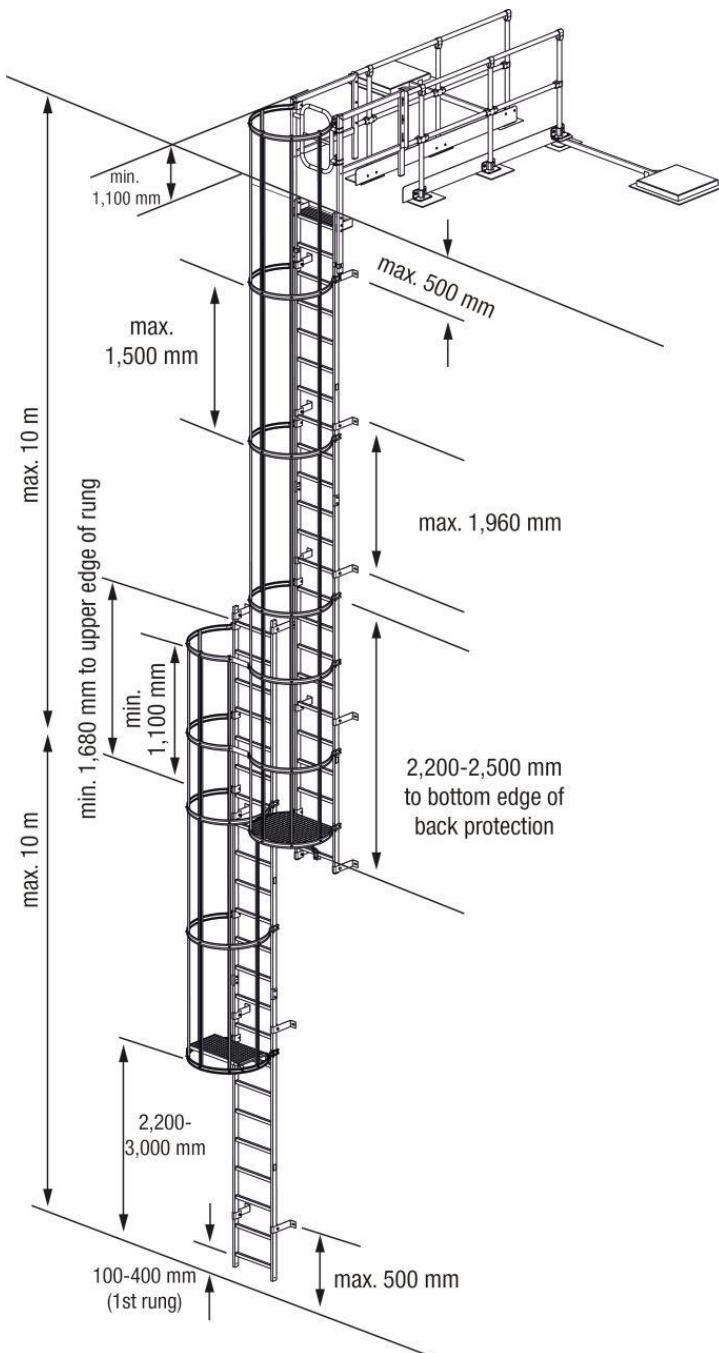
BEST FOR

Restricted areas
Fire-escape applications
Public-facing locations
Controlled maintenance access

The access strategy should balance security, emergency use and safe deployment.



Rest platforms turn a demanding climb into safer, manageable stages.



WHY THEY MATTER

1

Pause safely

Give workers a defined place to stop between climbing stages.

2

Change direction

Offset ladder runs can improve route planning on tall structures.

3

Improve access planning

Coordinate landing geometry, handrails and transfer points before fabrication.

Plan the complete climb—not only the ladder length.

Comfort, clearance and consistency are built into the details.



360–550 mm

Rung width

A comfortable climbing width selected for the access condition.



300 mm

Rung interval

Consistent spacing supports a predictable climbing rhythm.



700 mm

Cage-ring diameter

Clearance around the climber must be considered with the full route.

Final dimensions should be confirmed against the approved design, site conditions and applicable project requirements.

ATTACHMENT FLEXIBILITY

The right bracket makes the connection work.

Walls, floors, offsets and joints demand the right connection—not a generic compromise.

Custom wall brackets available for varied stand-off requirements.



Centre bracket



Floor bracket



Centre joint



Elbow bracket



Elbow joint



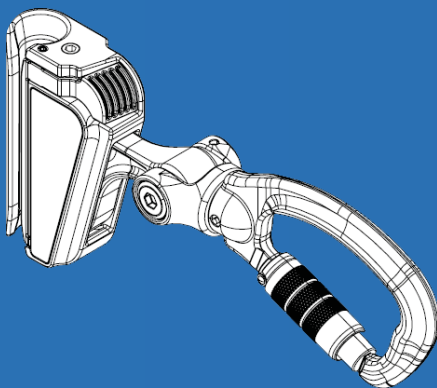
Custom wall bracket

THE 100% PROTECTION LAYER

The ladder gets you there. The vertical lifeline protects the climb.

A guided fall-arrest system provides continuous connection along the vertical route, helping reduce reliance on repeated manual transfer between ladder elements.

BRAND – SECURLINE VLL SYSTEM
ORIGIN - FRANCE



EN 353-1

Vertical fall-arrest system for fixed ladder and tower access.





Connect once. Climb with the system—not around it.

SECURLINE VERTICAL LIFELINE SYSTEM



Smooth vertical travel

The guided fall arrester moves with the user along the cable.

Energy management

Dedicated system components help manage forces in a fall event.

Inspection-ready

A defined component system supports clearer annual inspection and maintenance.

Specified, installed and handed over as a complete system—not a collection of unrelated parts.

**Every lifeline component has one job:
Keep the system working & provide
100% Fall Protection.**



1

Top fixing bracket

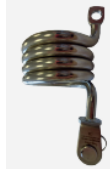
Secures the upper system termination.
SKU # SLV71



2

Energy absorber

Helps manage system forces.
SKU # SLV70



3

Stainless-steel cable

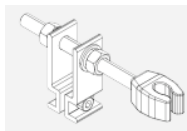
The continuous guided path.
SS316 – 8mm–
7X19 Strands.
SKU # SL04



4

Intermediate guides

Control the cable along the ladder.
SKU # SLV74



5

Identification Plate
SKU # SL12



6

Crimping Tool



Crimp Termination for Cable
SKU # SL-15-I

7

Guided fall arrester



Connects the user to the system.
SKU # SLV73

8

Termination Point



Completes the system termination.
SKU # SL-24-L

9

Vertical tensioner



Maintains the required cable condition.
SKU # SLV77

10

Lower Bracket

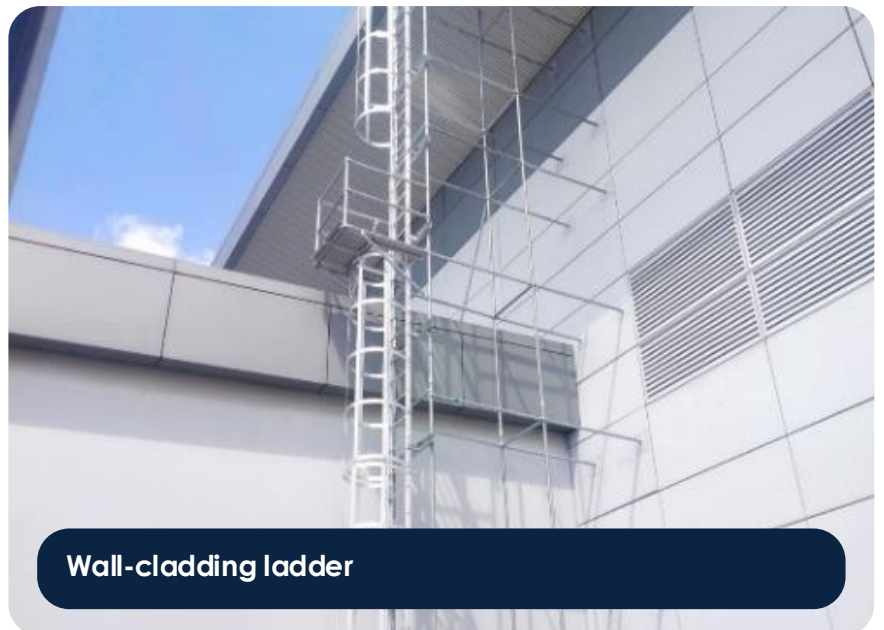
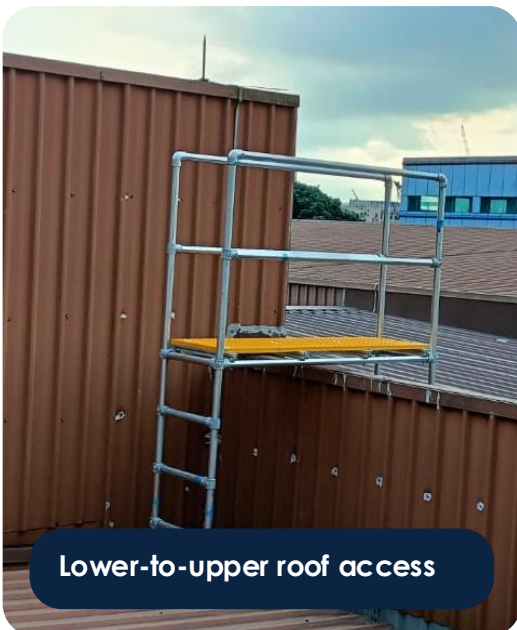


Secures the lower system termination.
SKU # SLV75

BRAND – SECURLINE VERTICAL LIFELINE SYSTEM
ORIGIN – MADE IN FRANCE
SUPPLIED BY – ACTION SAFETY, SINGAPORE

NOTE - The final component BOM is selected against ladder height, anchorage arrangement and approved design.

Real sites. Different structures. One practical objective: safer access.



From compact service areas to tall façades, the access route must fit the site.



Clear decisions at every stage— from the first drawing to handover.

01

Survey & requirements

Confirm access purpose, ladder height, structure and user needs.

02

Concept & coordination

Select ladder arrangement, platform strategy and lifeline approach.

03

Quotation & design

Issue a clear scope aligned with the agreed technical basis.

04

Fabrication & planning

Coordinate production, delivery and safe installation access.

05

Installation & testing

Install, verify and address site interfaces.

06

Training & handover

Provide documentation, user briefing and inspection pathway.



**One clear point of responsibility
throughout the journey.**

WHY CUSTOMERS CHOOSE US

A practical safety partner—not only a product supplier.

1. Integrated expertise

Fixed access and fall protection considered together.

2. Made-to-fit thinking

Solutions shaped around the building and the work.

3. Technical confidence

Defined components, system documentation and clear handover.

4. Long-term support

Inspection, recertification and future modification support.

**SITE SURVEY • DESIGN • SUPPLY • INSTALLATION • TESTING • CERTIFICATION •
TRAINING • HANDOVER**

OUR ESTEEMED CLIENTS

Trust is earned one safe project at a time.

We are proud to support customers and project partners who expect practical advice, dependable delivery and safety solutions built around the site.

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Bombardier


AETOS
 an  company


CHANGI
 airport group

micron®


FRASERS
 PROPERTY


NOVENA
 CHURCH OF ST ALPHONSUS


Singtel


UOL
 华业集团

Thank you for the confidence you place in
Wan Cheng Marine Pte Ltd & Action Safety.

LET'S DESIGN SAFER ACCESS

Send us the ladder height, access drawings and site photos.

We will help coordinate the ladder arrangement, fall-protection approach and installation scope.

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REQUEST A
SITE SURVEY



One coordinated solution.
One clear point of responsibility.