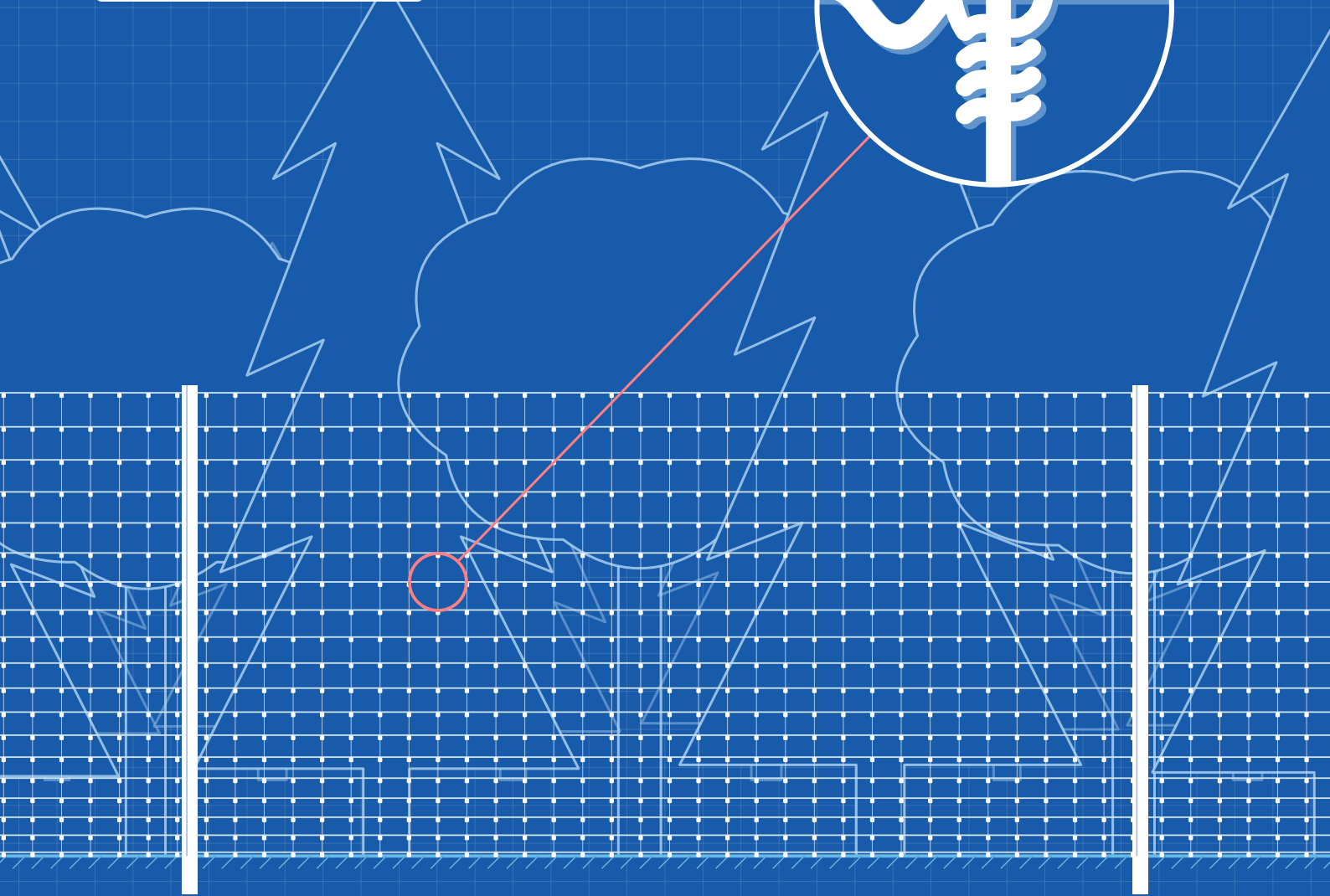




FOREST AND WILDLIFE FENCING

Secure containment, open sightlines

A brand of SIMO WiroTEK Private Limited

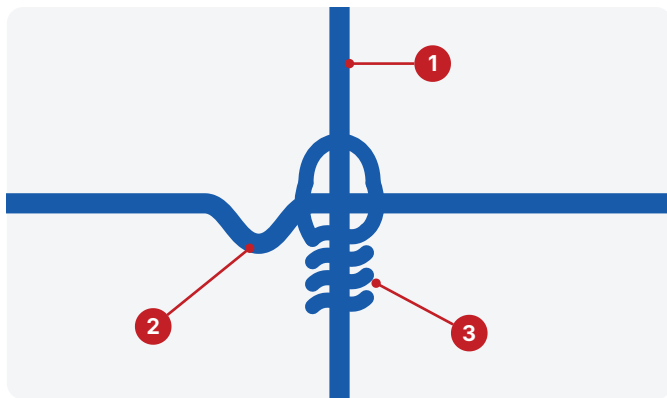
Holds large animals, keeps the view open

THE PROBLEM

Large animals testing the fence, and a need to keep sightlines open. A wall blocks the view and means heavy civil work; conventional chainlink is pushed over and corrodes within a few years.

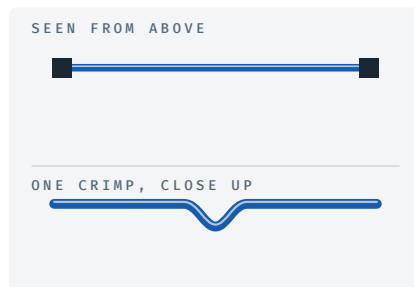
OUR ANSWER

Q-Knot™ at 8 ft in Alpha or Zeta Nova: high-tensile wire locked at every crossing, crimped to take a hit and spring back, on a graduated grid that is tightest at ground level.



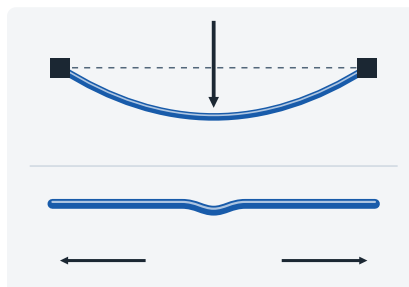
- 1 Stay wire.** The vertical wire that sets the grid and carries the knot.
- 2 Deep-crimped line wire.** Acts as a spring. It keeps the fence tight and lets it recover after impact.
- 3 Q-Knot.** The knot itself, formed from a separate length of wire, so it cannot slip up, down or sideways.

Takes a hit, springs back



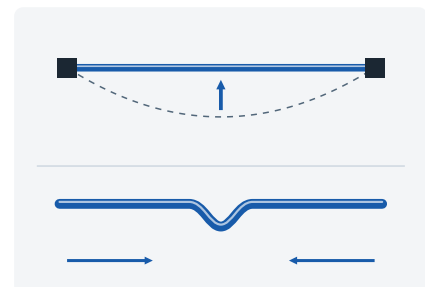
AT REST

Every line wire is deep-crimped between the stays.



IMPACT

The fence gives, and the crimps open to take the load.



BACK IN SHAPE

The crimps close again and pull the fence straight.



Gentle on animals

Crimped line wires recover after an impact, and hold animals without injuring them.



Open to the view

A knotted grid, not a wall: sightlines stay open on both sides.



Fewer posts to set

Posts 5 to 6 metres apart: less digging, less concrete, less to carry to site.

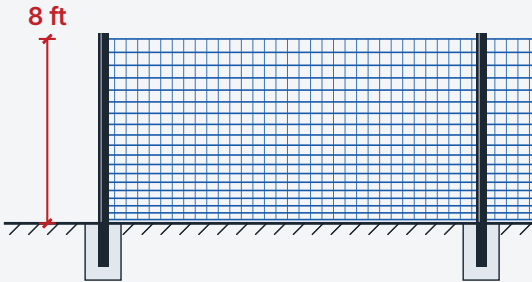


Minimal maintenance

No routine re-tensioning, rust treatment or post realignment.

Our starting design for forest and wildlife

We work to the project's drawings and specification, and refine the design against the terrain and the animals.



SUGGESTED DESIGN

8 ft Q-Knot, Alpha or Zeta Nova

8 ft Q-Knot fence in Alpha or Zeta Nova, with posts made to design for orders of 2 km and above.

A starting point for discussion, not for construction. Every project is built to its approved drawing.

Alpha and Zeta Nova, side by side

	ALPHA	ZETA NOVA
Coating	Zn-Al, 240 GSM minimum	Zn-Al, 120 GSM
Rated life	35+ years	20 years
Salt spray	2,000 hours without red rust	1,200 hours without red rust
Wire strength	1150 to 1300 MPa	1150 to 1300 MPa
Heights	6 ft standard; custom to 8 ft	5 and 6 ft; custom to 8 ft
Line wires	16 at 6 ft; 19 at 8 ft	14 at 5 ft; 16 or 20 at 6 ft; 20 at 8 ft
Post gap	5 to 6 m	5 m
Roll length	50 m	30 m

Evidence for your submission

Tensile strength	IS 1608 (Part 1)
Coating mass	IS 6745 and gravimetric methods
Coating composition	X-ray fluorescence (XRF)
Corrosion resistance	Salt spray to IS 9844. Alpha: 2,000 hours, Zeta Nova: 1,200 hours, without red rust
Alpha classification	AS/NZS 4534:2006 Class W10 and BS EN 10244-2:2001 Class A

Test reports from NABL-accredited laboratories for every grade, and ISO 9001, 14001 and 45001 certification. We welcome a trial panel, and inspection of manufacture and testing at our works in Butibori.

To know how rated life is calculated, visit simosecure.com.

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Leading private sector clients, across infrastructure, renewable energy and defence manufacturing.

INFRASTRUCTURE AND EPC

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Supply exceeding 100 km

RENEWABLE ENERGY

CleanMax

Perimeter fencing for solar assets

DEFENCE MANUFACTURING, NAGPUR

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ISO

9001, 14001 and 45001 certified

NABL

every grade tested at NABL-accredited laboratories

30+

years of manufacturing experience in the leadership team

Nagpur

made in India, at our works in MIDC Butibori

Three ways to buy



Supply only

Fabric, posts and fittings as one matched system, with training for your installers.



Supply and install

One contract and one point of responsibility: our trained crews install to SIMO standards.



Turnkey EPC

Site survey, design to approved drawings, supply, installation, inspection, and handover with documentation.

Tell us about your site

Send us the boundary length, the terrain and the animals you need to hold. We will recommend the design and the level of service, and send a quotation.



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