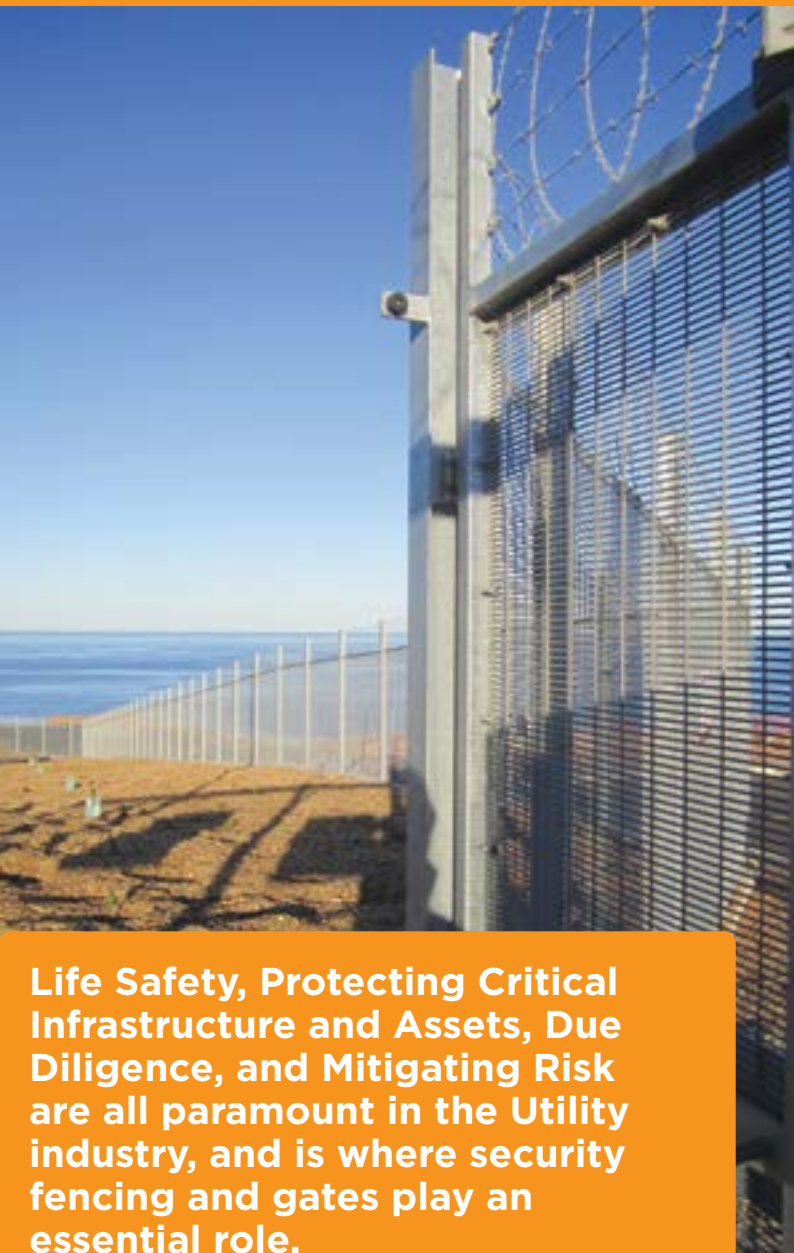
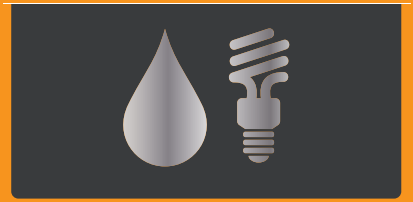


UTILITIES

ELECTRICITY
GAS
WATER
TELECOMMUNICATION



Life Safety, Protecting Critical Infrastructure and Assets, Due Diligence, and Mitigating Risk are all paramount in the Utility industry, and is where security fencing and gates play an essential role.



GRYFFIN
HIGH SECURITY FENCING & GATES
Smarter solutions, guaranteed.

GRYFFIN APPLICATIONS



Gryffin, for decades, has specialised in working within the Utility industry to address all these major issues. They have unmatched expertise and capability in innovative design, manufacture and installation of high-security fencing & gates.

Not only do they need protection from would be vandals and terrorists, the principals are forced to provide a certain level of **DUE DILIGENCE** in deterring would be intruders. A teenager gaining access to an Electricity Substation or Water Reserve is fraught with danger life safety is at high risk and due diligence is critical.

There are also safety issues for workers on site where barriers are essential Work Health & Safety measures.

- **UTILITY CRITICAL INFRASTRUCTURE** needs protection from increasing threat. Society won't accept disruption to services, business can't afford disruptions, utility principals won't accept exposure to loss of revenue risk, and water reserves just can't be tampered with.
- **HIGH VALUE ASSETS** in a large variety of infrastructure, equipment, machinery, buildings, etc, all need protecting.
- **SITES** need high-security ant-climb fencing, gates and even bollards at times. Demarcation, controlled access, intruder deterrence and penetration delay can all be important.
- **DEPOTS & WORKSHOPS** need perimeter fencing and machinery safety guards
- **GATES** both manual and automatic, are needed to secure site entries & exits.
- **AND** then there are all the site specific nuances where either security or safety is an issue. Where some sort of unique or special solution is required, Gryffin is renowned for their custom design capability and **SMARTER SOLUTIONS**.

GRYFFIN SOLUTIONS



Gryffin's **Palisade** and **Maxiguard**[®] fence systems are ideal where anti-climb demarcation, dissuasion and penetration delay is required. The Enclosure[®] System for Palisade and Maxiguard[®] fences virtually eliminates tampering. Their **Securifor**[®] and **Fortis**[®] welded mesh fence systems provide the same functionality but with the added benefit of anti-throw and high transparency. Their **Tangorail**[®] products are ideal for site safety barriers.

Gryffin, still today, is the only Australian manufacturer of barbed tape. Their **Tigertape**[™] has been Gryffin designed and developed, with various formats, to suit the demanding conditions of Utility applications.

Gryffin customize **Gates** to fit risk assessment, functional requirement, existing structures and budget from single, double, automated, track, cantilever or anti-ram specification. Gryffin also provide general design and construct engineering, fabricating and welding services.

GRYFFIN BENEFITS

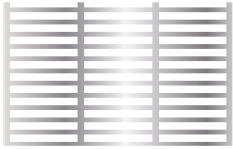
Gryffin's unmatched expertise and commitment to the Utility industry means you get the right balance of all elements which make the ideal solution. Their extended **Guarantees** are testament to their ability to deliver desired outcomes and achieve total customer satisfaction they've been doing it since 1986. With Gryffin you are dealing with a one-stop-shop. The buck stops with Gryffin, and risk is avoided.



Gryffin is the 'go to' company for providing solutions to all these applications. They are experts, with unmatched experience, in risk assessment, design, manufacture and installation of high security fencing and gates all over Australia.

GRYFFIN SPECIFICATIONS

Securifor® 358



Welded Mesh High Security Fencing Cladding:

Cut & climb resistant
High visibility, non obtrusive and ideal for video surveillance

Securifor® 3510 : 3mm vertical and horizontal wires

Securifor® 358 : 4mm vertical and horizontal wires

Fortis® 358 : 4mm vertical and horizontal wires with double vertical wires (one front, one back of horizontal wire)

Securifor 2D : 6mm vertical wires & 4mm

horizontal wires with double horizontal wires every 150mm

SCEC Endorsed – Securifor® & Fortis® 358

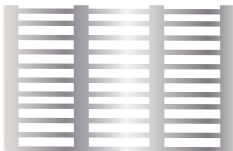
Finishes: Standard Zincalu finish (95% Galvanized & 5% Aluminium), powder coated, long-life PVC, or long-life Polyester (subject to product type)

High tensile strength steel, high weld shear strength

10 year to 25 year manufacturer's warranty (conditions apply) Please refer to the product brochure for more specific information.

Suits Grylex smarter solution corner posts.

Fortis® 358



Palisade



Palisade & Maxiguard®

Steel pale, post and rail high security fence
Rigid bolted system, with anti-tamper shear nuts

Palisade straight pale

Maxiguard® curved top

3mm high security & 2mm commercial grade pale thickness

'D' shape and 'W' shape pale varieties. W pale provides extra strength

Triple point spear top, single spear top and flat top available

Adjusts to rake sloping ground

Extra strengthening can be added with the Gryffin Enclosure® system or cable anti-ram system

Galvanized and powder coated options

Made to BS 1722-12 2006

SCEC endorsed

15 year manufacturer warranty (conditions apply)

Please refer to the product brochure for more specific information.

Maxiguard®



TangoRail



TangoRail®

Unique tubular fencing that flows with ground contours without the need for stepping

Strong and robust

Tubular pickets feed through the rail and are fixed by spring loaded pins that allow vertical movement

No welds

TR100 – Round tube, flat top capped finish

TR400 – Square tube, flat top and capped or pressed spear finish

TR800 – Round tube, bow top finish

Tube heights 1200 to 3000mm

Galvanized and powder coated options

Complies with British playground equipment standard BE EN1176-1 & Australian Pool Fencing Standard AS 1926-1

15 year manufacturer warranty

Please refer to the product brochure for more specific information.

TigerTape



TigerTape™

Only Australian designed and made barbed tape
Short and Long barb varieties

Short Barb for commercial and high security applications; Long barb for Detention Centres

Short barb specs:

25mm +/- 1mm centred clusters of 4 barbs, each with needle sharp points.

Each cluster 10mm +/- long, point to point;

14mm +/- 1mm wide, point to point

2.5mm diameter hard-drawn galvanized spring steel Range 2 core wire

Galvanized barbed strip

Available formats:

Flat Loop 470, 550 & 760mm diameters

Single – helical coil 470 & 760mm diameters

Concertina – clipped coils creating a cylindrical pattern at 550, 760 & 980mm diameters

Long barb specs:

100mm centred clusters of 4 barbs, each with needle sharp points

Each cluster 60mm long, point to point

2.5mm diameter galvanized spring steel core wire (AS 1472/1979)

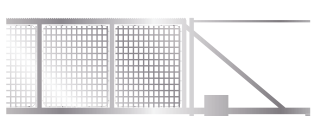
Stainless Steel barbed strip: 301 grade austenitic, 0.5mm thick (AS 1449 301)

3/4 hard to HV370 +/- 20 (min)

Available format:

Concertina 630, 760, 900, 1300, 1500mm diameters.

Gates



GATES

Custom design and manufacture to suit any application

Pedestrian, swing, track slider, cantilever, overhead track sliding, bi-parting

Manual, swing or automated

Securifor, Fortis 358^R, Palisade,

Maxiguard®, TangoRail®, RHS/SHS tubular picket, other on request

Slide bolts, magnetic locks, electric drop bolts, single and double lock mechanisms

Smart Solutions like 'Gryfhinge' provide full vertical and horizontal adjustment on swing gates.

Also available: Electric fencing and in-fence detection systems