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INDUSTRY BRIEF

Industrial & Manufacturing

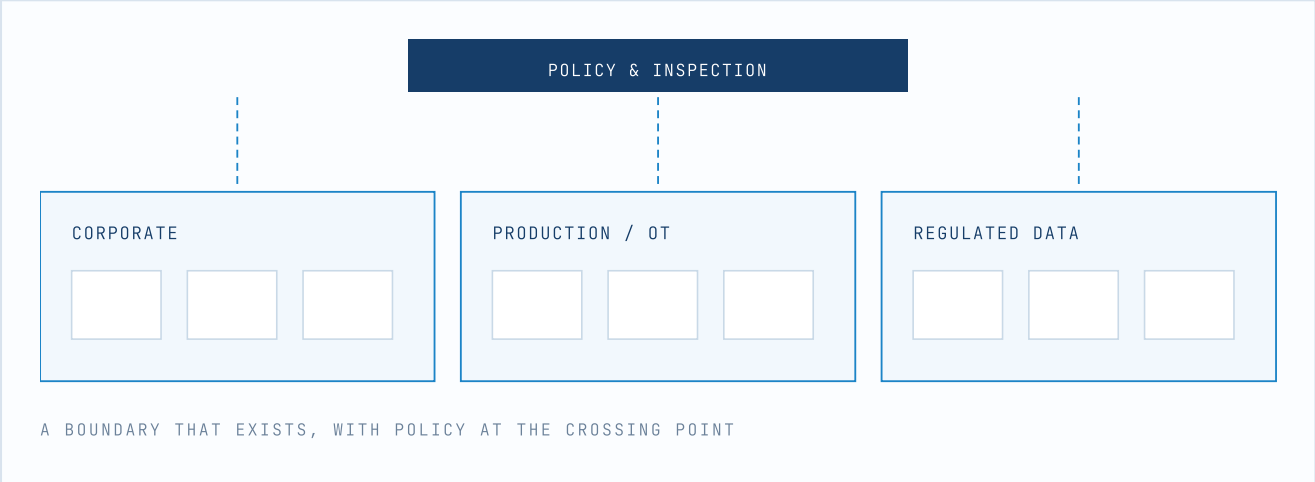
Operational technology and the corporate estate on speaking terms, safely.

The constraint that dominates

Plant networks need visibility without exposure. The systems running production were rarely designed with the modern threat model in mind, and they cannot simply be patched on a Tuesday.

So the control has to be architectural: a real boundary between the corporate estate and the plant, inspection where traffic crosses it, and segmentation that limits what a compromise on one side can reach on the other.

It also has to be operable. A boundary that blocks a legitimate engineering workflow gets bypassed within a month, and the bypass is never documented.



A BOUNDARY THAT EXISTS, WITH POLICY AT THE CROSSING POINT

What we do in this sector

IT/OT boundary

Cisco security platforms designed and deployed around where data and production processes actually sit, with policy written so a change request can be answered without guessing what it breaks.

Segmentation

Zones with a genuine boundary between them, and east-west policy that reflects how the plant really operates.

Visibility

Traffic intelligence and monitoring on both sides of the boundary — because you cannot protect what you have never seen.

Plant-floor resilience

Designs that account for the environment: reliability, physical constraints, and maintenance windows measured in minutes.

Design priorities

IT/OT BOUNDARY | INDUSTRIAL PROTOCOLS | OPERABLE CONTROLS | PLANT-FLOOR RESILIENCE

REFERENCES

We have delivered work of this kind in industrial. Named references are available on request, under the usual confidentiality arrangements.

EmaLite

Every estate is specific.

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Tell us the constraint you are designing around and we will tell you how we would approach it.

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