

# Infrastructure Operators

*Engineering-led risk assessment for critical and revenue-generating assets.*

## WHAT RIP IS

YAVA’s Risk Intelligence Platform (RIP) is a structured, on-the-ground assessment of infrastructure assets — ports, airports, energy and industrial facilities, logistics nodes, public infrastructure — across physical, cyber and operational layers. It tells the operator, the insurer and the regulator the same single, evidence-based story about the asset.

## THE INFRASTRUCTURE PROBLEM

Infrastructure assets carry the highest convergence between physical, cyber and operational risk. A surveillance failure becomes a claim dispute. A poorly segmented network becomes an OT incident. A weak access governance procedure becomes an insider event. Most of these failure paths involve more than one layer at once.

Few advisory firms can credibly assess all three. Traditional consultancies stay in the documents. Systems integrators sell the platform. Security firms cover the perimeter. The integrated risk picture rarely exists.

## HOW YAVA HELPS

- **OT and SCADA aware:** we assess operational technology and industrial control systems alongside enterprise IT and physical controls.
- **Infrastructure dependencies:** power, connectivity, redundancy and failure paths are part of the assessment, not an afterthought.
- **Defensible to regulators and insurers:** scored, evidenced, and structured so the same report supports compliance, underwriting and operations.
- **Remediation in-house:** the same engineering firm that finds the issues can deliver the fixes.

## WHAT YAVA ASSESSES

LAYER	FOCUS	EXAMPLES OF WHAT WE EXAMINE
External Layer	Physical security & access	Perimeter, surveillance, access control, biometrics, guard procedures, visitor and contractor management, evidence retention
Internal Layer	Cyber, network & operational systems	Network architecture, identity and privileged access, core operational systems (PMS, ERP, OT/SCADA), VPN and remote access, backup and logging, cloud exposure
Training Layer	Human and behavioural risk	Credential handling, access governance, incident response, threat awareness, MFA discipline, escalation behaviour under pressure

## BOOTS ON THE GROUND

YAVA deploys engineers to the asset, including remote, hazardous or restricted sites. We have delivered integrated surveillance, biometric access, drone counter-measure and command-and-control work on strategic critical-infrastructure sites in co-delivery with security operators.

## WHAT YOU RECEIVE

- A scored RIP Report covering External, Internal and Training layers.
- Breach and failure-path scenarios across physical, cyber, OT and operational dimensions.
- A prioritised remediation roadmap aligned to capex and opex realities.
- Documentation that supports regulator, insurer and lender conversations.

## HOW YAVA WORKS WITH INFRASTRUCTURE OPERATORS

STAGE	WHAT HAPPENS
<b>1. Scoping</b>	We agree the assets, sites, systems and questions in scope. Light-touch, fixed-fee.
<b>2. Remote review</b>	Document, intelligence and configuration review before any travel — to focus the on-site work.
<b>3. On-site assessment</b>	YAVA engineers deploy to the asset. External, internal and training layers examined in person.
<b>4. Risk scoring</b>	Findings are scored on a defensible 100-point model across all three layers.
<b>5. Reporting &amp; briefing</b>	A structured RIP Score Report plus a verbal briefing for the client and, where relevant, their broker or underwriter.
<b>6. Remediation (optional)</b>	YAVA’s engineering team can implement the fixes — the same partner that found the issues.

### WHY THIS IS COST-EFFECTIVE

Traditional advisory firms produce desktop reports at consultancy day rates. Large systems integrators sell platforms before they understand the asset. Security firms protect the perimeter but cannot see the systems behind it. YAVA is an engineering-led firm that already deploys teams into complex environments to build and run systems. Risk assessment is a natural extension of that work — and is priced accordingly. Clients pay for ground truth, not slide decks.

### WHY THIS MATTERS OPERATIONALLY

Infrastructure downtime is measured in hundreds of thousands to millions per hour. RIP gives the operator a defensible, prioritised view of which controls actually reduce that exposure — and the means to remediate them with one accountable partner.

### WHERE YAVA OPERATES

YAVA has delivered infrastructure, aviation, ports and energy engagements across multiple regions. The table below summarises operating experience relevant to infrastructure operators.

#### ENQUIRIES

For enquiries into this service, contact [help@yava.com](mailto:help@yava.com) or complete the contact form at [www.yava.com/contactus](http://www.yava.com/contactus).

REGION	OPERATING EXPERIENCE
<b>United Kingdom &amp; Europe</b>	United Kingdom (HQ), Ireland, France, Germany, Italy, Spain, Portugal, Netherlands, Belgium, Switzerland, Nordic markets
<b>East Africa</b>	Kenya, Tanzania, Uganda, Rwanda, Ethiopia, South Sudan, Somalia, Djibouti
<b>West Africa</b>	Nigeria, Ghana, Senegal, Côte d’Ivoire, Sierra Leone, Liberia, Mali, Burkina Faso
<b>Central &amp; Southern Africa</b>	Democratic Republic of Congo, Republic of Congo, Cameroon, Angola, Zambia, Mozambique, South Africa, Namibia
<b>Indian Ocean</b>	Mauritius, Seychelles, Madagascar, Maldives, Comoros
<b>Middle East &amp; North Africa</b>	United Arab Emirates, Saudi Arabia, Qatar, Bahrain, Oman, Jordan, Egypt, Morocco, Tunisia, Lebanon, Iraq
<b>South Asia</b>	India, Pakistan, Bangladesh, Sri Lanka, Nepal
<b>South-East Asia</b>	Singapore, Malaysia, Indonesia, Thailand, Vietnam, Philippines
<b>Americas</b>	United States, Canada, Mexico, Brazil, Colombia, Caribbean territories