

## Protect Operations. Skip the Noise.

An overview of OT Defender, INTRUSION's purpose-built security for operational technology environments across utilities, manufacturing, and infrastructure, including remote and air-gapped sites.

### — THE OPERATIONAL CHALLENGE

Operational technology runs physical processes, and an intrusion can mean disrupted production, downtime, or safety risk, not just lost data. Many of these environments depend on legacy controllers that cannot be patched, taken offline, or made to run a security agent, and many sites are remote, unmanned, or air-gapped with no reliable network. Connecting this equipment to enterprise networks creates unacceptable exposure; leaving it unmonitored leaves a blind spot. OT Defender is built to close that gap without changing the operational environment.

#### SCADA

integrates directly with SCADA systems, Modbus controllers, and legacy RTUs, with no replacement required.

#### Air-Gapped

operates as a secure gateway, not a network bridge, so control traffic never traverses a routable network.

#### Remote

cellular and satellite backhaul reaches sites with no existing network infrastructure.

### — HOW OT DEFENDER WORKS

#### A secure gateway, not a network bridge

OT Defender polls local field devices and collects telemetry while keeping strict isolation between the control environment and any external network. Control system traffic never traverses a routable network, and OT equipment is never directly exposed to the internet. The isolation that protects operational integrity is preserved.

#### Visibility without exposure

It surfaces the operational signals that matter, such as flow rates, voltage and pressure readings, equipment status, and physical security events, and transmits them over cellular or satellite backhaul. Remote and unmanned sites become monitored without building new network attack surface.

### — VALUE TO OT ENVIRONMENTS

#### No change to operations

Integrates with existing field devices without replacement, reconfiguration, or downtime.

#### Isolation preserved

A secure gateway keeps control traffic off any routable network.

#### Remote sites covered

Cellular and satellite backhaul reaches sites with no network infrastructure.

#### Documented monitoring

Continuous telemetry supports oversight aligned to NIST SP 800-82.

### WHERE A CONVERSATION COULD START

The next step is a short discovery session to explore how OT Defender applies to your sites and what a scoped evaluation might look like. To arrange one, contact Valencia Reaves, VP of Public Sector Sales, at [Valencia.Reaves@intrusion.com].