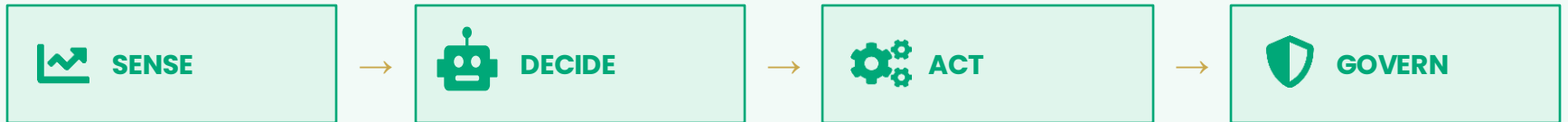


Agentic AI for Energy & Utilities

Autonomous Operations for Grid, Assets & Infrastructure

From reactive monitoring → to real-time decision systems



Energy systems are moving from monitoring → autonomous response

Detection without action creates risk – and risk creates cost

CURRENT STATE:

- Monitoring dashboards and alerts
- Manual escalation workflows
- Siloed asset and grid data



REQUIRED STATE:

- Real-time autonomous decisions
- Instant incident response
- Unified infrastructure intelligence

Detection without action creates risk

What energy operators are dealing with

Direct from infrastructure and grid operations teams

//

Failures are detected — but response is always delayed by manual triage and escalation

GRID OPERATIONS

//

Asset and grid data exist in silos — no unified picture until it's too late

ASSET MANAGEMENT

//

Compliance reporting is manual, slow, and always behind regulatory deadlines

COMPLIANCE

This is not an observability problem — this is a decision latency problem

The cost of delayed decisions

Where every minute of latency becomes measurable financial impact

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Downtime Impact

Unplanned outages driving direct revenue loss and penalties

High

Infrastructure Risk

Aging assets failing without predictive intervention

Growing

Compliance Penalties

Manual reporting missing regulatory deadlines

Slow

Incident Response

Manual triage adding hours to every critical incident

Why monitoring systems are not enough

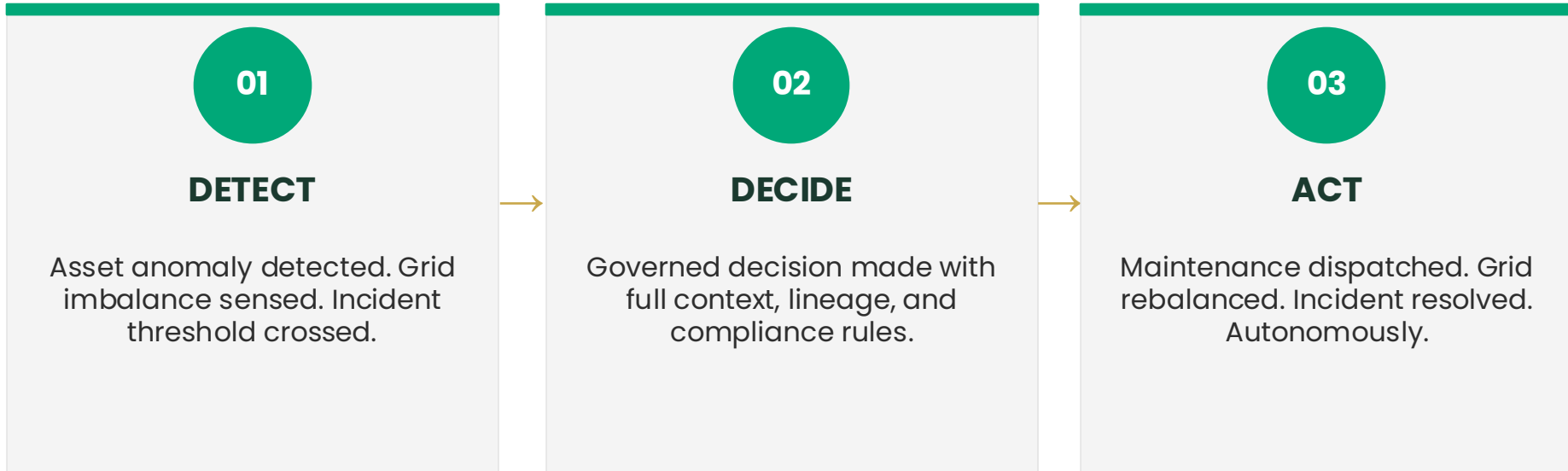
Every tool in the stack sees the problem — none of them solve it

SYSTEM	PRIMARY FUNCTION	CRITICAL LIMITATION
SCADA Systems	Operational data capture and monitoring	Data capture only — no autonomous response
Monitoring Tools	Alert generation and dashboard display	Alerting only — humans still decide and act
Analytics Platforms	Historical and predictive insight generation	Insight only — no real-time action trigger
Manual Workflows	Human-driven incident coordination	Slow response — minutes become hours

Systems detect — but don't decide or act autonomously

From alerts → autonomous response systems

Unified detection, governed decision, and instant autonomous action



Autonomous infrastructure with governed decision intelligence

The Reasoning Infrastructure Stack

Three integrated layers – built for governed, autonomous decisioning

ElixirData

Infrastructure Context

Real-time context: grid, assets, sensors, and IoT. Unified signal layer across SCADA, monitoring, and analytics platforms.



ElixirClaw

Agentic Execution

Autonomous response: incident handling, grid optimization, maintenance dispatch. Connected to existing infrastructure systems.



ElixirHub

Energy + Infra Agents

Pre-built energy and infrastructure agent packs for predictive maintenance, grid ops, and compliance automation.

Predictive Maintenance

Real-time asset monitoring with AI-powered failure prediction

PROBLEM

- Failures detected late — after damage is done
- Reactive maintenance driving unnecessary downtime



SOLUTION

- Real-time asset health monitoring
- AI-powered failure prediction and prevention



OUTCOME

- Downtime significantly reduced
- Maintenance costs optimized

Grid Optimization & Forecasting

Real-time load forecasting with autonomous grid balancing

PROBLEM

- Demand variability causing grid instability
- Renewable fluctuation creating balancing challenges



SOLUTION

- Real-time load forecasting by zone
- Autonomous grid balancing and adjustment

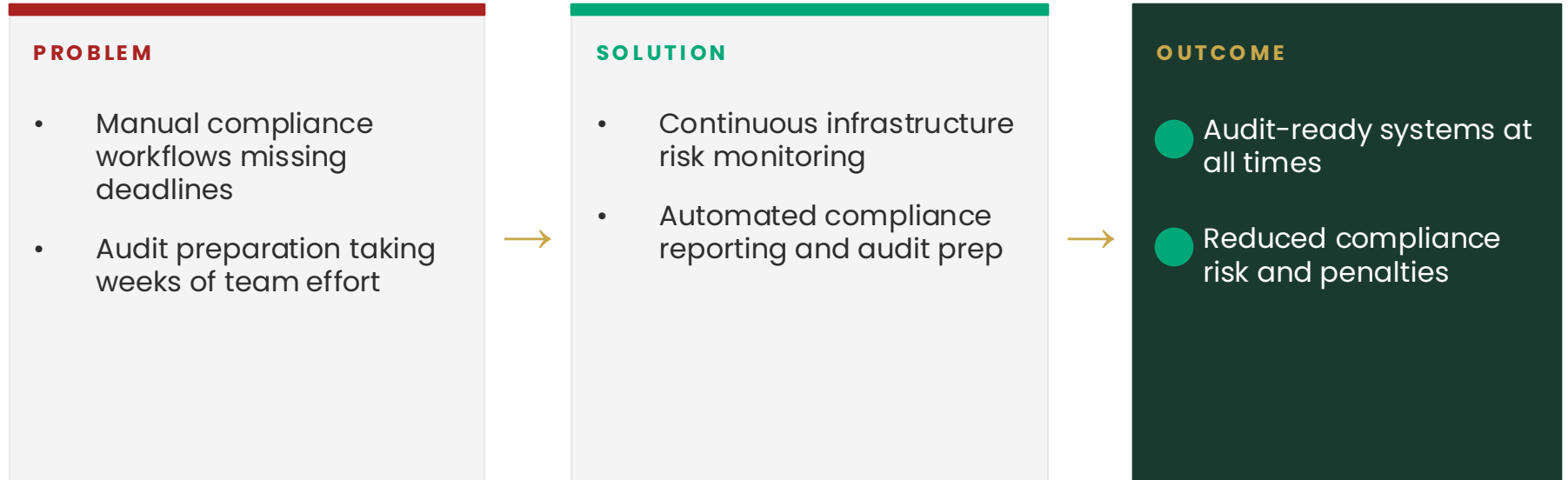


OUTCOME

- Improved grid stability
- Reduced energy loss and waste

Infrastructure Risk & Compliance

Continuous monitoring with automated compliance reporting



Renewable Forecasting

AI-based generation forecasting with real-time adjustment

PROBLEM

- Solar/wind unpredictability causing planning mismatches
- Imbalance costs from poor renewable forecasting



SOLUTION

- AI-based generation forecasting by source
- Real-time adjustment and rebalancing

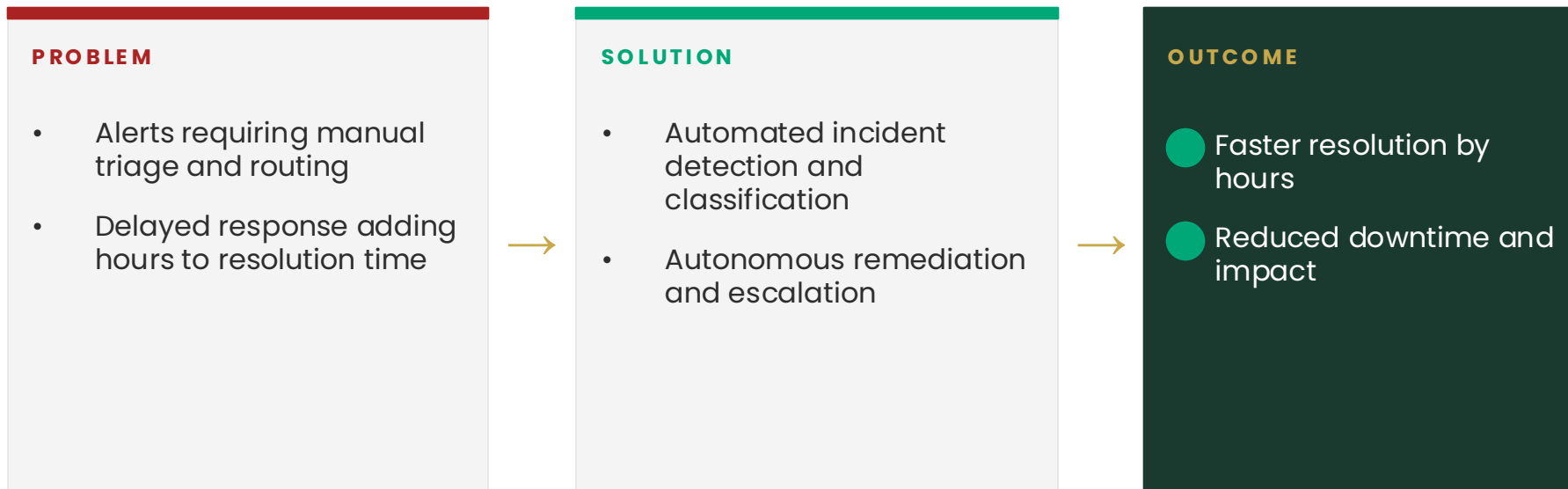


OUTCOME

- Better energy utilization
- Reduced imbalance costs

Autonomous Incident Response

Automated detection and autonomous remediation without manual triage



Measurable Infrastructure Outcomes

Quantified results from live energy and utility deployments

Reduced

Downtime

Predictive maintenance eliminates unplanned outages

Faster

Incident Resolution

Autonomous response replaces manual triage workflows

Always

Compliance Ready

Continuous monitoring makes audit prep obsolete

Better

Energy Efficiency

Grid optimization and renewable forecasting reduce waste

Proven Across Infrastructure & Energy

Real deployments delivering operational outcomes at scale

ENERGY ANALYTICS

Utopus Insights

Renewable energy analytics and forecasting platform at enterprise scale.

RENEWABLE OPTIMIZATION

Prescinto

AI-powered renewable energy optimization and performance monitoring.

TELECOM + INFRA

Subex

Telecom and infrastructure intelligence with autonomous anomaly detection.

Fast Time to Value

A structured, time-boxed path from proof-of-concept to full rollout

01**PHASE 01: PILOT****4–6 Weeks**

- Priority use case scoped
- Stack integration completed
- Agents configured
- First outcomes validated

**02****PHASE 02: FULL ROLLOUT****8–12 Weeks**

- All agents deployed
- Compliance layer enabled
- Audit trails live
- Team onboarded

No rip and replace – integrates with existing infrastructure in weeks

Structured, Predictable Investment

Three clear tiers — aligned to how value is delivered and realized

01**ONE-TIME**

Implementation

Scoping, integration, configuration, and deployment of the decision intelligence platform into your environment.

02**ANNUAL**

Platform License

Full access to ElixirData, ElixirClaw, and ElixirHub — including domain-specific agent packs.

03**ONGOING**

Continuous Intelligence

Model tuning, compliance updates, new agent packs, and dedicated success engineering.

Why not traditional infrastructure tools?

Monitoring detects. Analytics analyzes. We decide and act autonomously.

PLATFORM	WHAT THEY DO	WHAT THEY MISS
SCADA Systems	Operational data capture and control	Captures — no intelligence or autonomous action
Monitoring / Alerting	Alert generation and dashboard display	Detects — humans still decide and act
Analytics Platforms	Insight and prediction generation	Analyzes — no real-time action or governance
XenonStack	Detect → Decide → Act autonomously	Nothing — this is the complete loop

We detect → decide → act autonomously. the only platform that closes the infrastructure loop

Map this to your infrastructure

I can map this to your grid / asset operations in 15 minutes

I can map this to your grid and asset operations in 15 minutes — and identify exactly where autonomous decision systems will reduce downtime and compliance risk.

No slides. No pitch. Just a direct mapping of your pain to our architecture.

BOOK YOUR 15-MINUTE SESSION →

Where does decision delay impact you most?

Pick your biggest operational risk – we'll start there

01

Downtime

Unplanned outages from reactive maintenance driving direct revenue loss

02

Grid Imbalance

Renewable variability and demand fluctuation causing instability

03

Compliance

Manual reporting missing regulatory deadlines and audit preparation lag

04

Incident Response

Alert-to-resolution time measured in hours due to manual triage

Strategic Cloud & Technology Partnerships

Deep integrations across cloud, data, and enterprise platforms



AWS



Microsoft Azure



Snowflake








Databricks




ServiceNow

AWS ADVANCED TIER PARTNER

-  4 AWS Competencies: DevOps, ML, Cloud Ops, Data & Analytics
-  AWS Managed Service Provider
-  Amazon Kinesis Delivery Validation
-  50+ AWS Certifications
-  20+ Customer Launches

MULTI-CLOUD MARKETPLACE

 **80+** Solutions on AWS Marketplace

 **30+** Solutions on Azure Marketplace

Enterprise-ready · Accelerated procurement

WHAT THIS MEANS FOR CO-SELL:



Faster enterprise deal closure



Pre-integrated cloud ecosystems



Drives cloud consumption



Scalable AI transformation

From reactive monitoring → to autonomous infrastructure

Agentic AI for Energy & Utilities – XenonStack

Ready to map this to your operations? Let's talk.