

# IFS Energy & Resources – Mining Production Solutions



An integrated solution for operations management – mining, metals and minerals.



## Leveraging data is critical in enabling mining operations to be optimized at all times.

Providing people with the right data at the right time with the tools to optimize production (you can't optimize what you can't measure) should be at the forefront of any plan. Data access, integration and management are key along with the systems and tools to deliver the data.

### The challenge

- Achieving effective asset management and utilization for sustainable operations
- Transforming production data into the relevant measures that drive key performance indicators for the business
- Pressure to rapidly establish operations, improve throughput and deliver predicted grade quality
- Gaining timely access to accurate operational data for effective decision making
- Disconnected processes between departments lead to duplicated efforts and data quality issues
- Time-consuming operational and corporate reporting
- Multiple data formats and inconsistent master data leading to gaps in understanding operational data
- Communication and collaboration between teams across disparate locations

### The solution

IFS Energy & Resources' mining solution is an industry-proven operations management platform, designed for the effective management of production data. It provides operational visibility and alerts from across the entire operation enabling teams to make vital decisions backed by meaningful and accessible data.

#### Operational intelligence

- Integration with existing systems
- Digital twin
- Performance calculations
- Integrated diagnostics and analysis
- Exception-based surveillance and notifications
- Support subject matter experts with business and tacit knowledge

#### Work management

- Forms engine
- Workflows
- Integrated business processes
- Cross team collaboration
- Ensures focus and prioritization of tasks is right

#### Modules and solutions

- Line of business modules
- Preconfigured solution templates
- Quick time to value
- Increase production, reduce downtime, reduce risk
- Regulatory compliance
- Aligned with industry standards and best practices

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## Modules



### Mobile field forms and data capture

Field data capture and operations management solution with mobile capabilities. Capture and validate measurement data then integrate that information with SCADA and other data sources to perform industry standard calculations, capture images and collaborate across disciplines and departments.



### Delay and loss accounting

Detection, allocation, analysis and reporting on loss and availability events in the production environment.



### Logbooks and handover

Comprehensive operations collaboration environment used to capture, manage, handover and communicate mission-critical information.

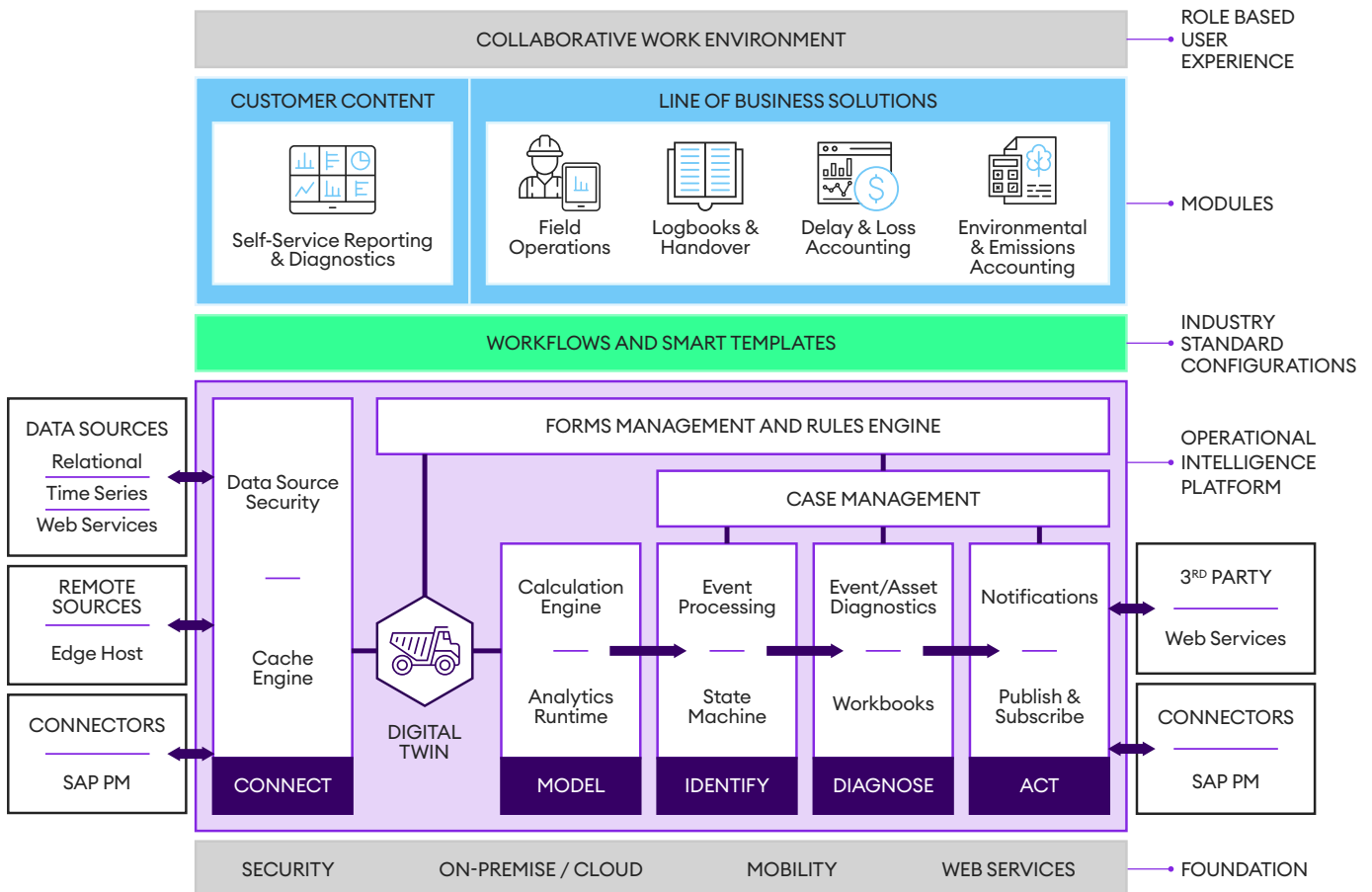


### Environmental and emissions accounting

Capture, validation and accounting of environmental and emissions data to satisfy business planning and regulatory reporting requirements.

## Platform architecture

IFS thinks differently about technology. We break down the constraints of the silo-effect to create a collaborative environment with embedded intelligence that is 'fit for purpose', streamlined ROI delivery and flexible in execution.



IFS develops and delivers cloud enterprise software for companies around the world who manufacture and distribute goods, build and maintain assets, and manage service-focused operations. The industry expertise of our people and of our growing ecosystem, together with a commitment to deliver value at every single step, has made IFS a recognized leader and the most recommended supplier in our sector.

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