

Introducing Full End-to-End Asset Lifecycle Management



How IFS customers benefit from the Copperleaf Technologies acquisition

Make the most of every decision by maximizing the value of your assets and investments through value-based decision making. With the [acquisition of Copperleaf Technologies](#), IFS now offers the first truly end-to-end asset lifecycle management solution.

The combined technologies provide unprecedented access to deep, data-based insights, extending beyond standard asset management (creation, monitoring, servicing, maintenance, retiring) to incorporate value-based decision-making that helps inform asset investment, acquisition, and related business strategies.

IFS is integrating Asset Investment Planning (AIP) capabilities with the leading Enterprise Asset Management (EAM) and Enterprise Resource Planning (ERP) capabilities – all delivered via a single platform, [IFS Cloud](#).

Value-based decision-making

Every day, asset-intensive organizations must make important decisions about how to maintain and expand the infrastructure critical to our society. Should an asset be refurbished or replaced? When is the right time for investment? What's the best way to group work to minimize outages and increase resource efficiency?

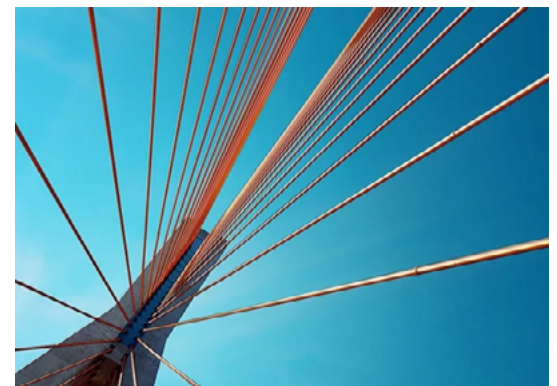
To optimize the return on asset investments, the company must consider a range of potential outcomes using data from a variety of systems. With AIP added to IFS Cloud, these systems all live within the same solution. Instead of relying on multiple integrations and data exchanges, Enterprise Resource Planning, Enterprise Asset Management, Field Service Management, Planning and Service Optimization, among others, share a platform and single source of record.

While IFS Cloud EAM provides unparalleled insights into the historical, real-time, and predictive condition of enterprise assets, these predominantly support operational decisions. With the addition of AIP, the analytics extend to support tactical and strategic decisions. For example, traditional EAM decision-making might look like proactive or reactive maintenance decisions such as repairs, component replacements, and crew mobilizations, whereas strategic decisions could concern asset replacements, upgrades, or refurbishments, considering long term needs and enterprise strategy.

Copperleaf is AI-powered, providing decision-making capabilities based on a value framework that aligns investment decisions with the strategic objectives of the business.

Organizations can weigh the benefits of financial and non-financial considerations such as environmental, social, and governance (ESG) goals in their investment decision making. The value of different investment decisions can be quantified and compared to understand which trade-offs align best with organizational strategies.

IFS customers must constantly balance disparate objectives and competing priorities. For example, utilities strive to deliver reliable, affordable, and sustainable service while building capital plans that must meet stringent regulatory requirements. Manufacturers and profit-focused organizations balance growth with business sustainment, risk management, and shareholder returns.



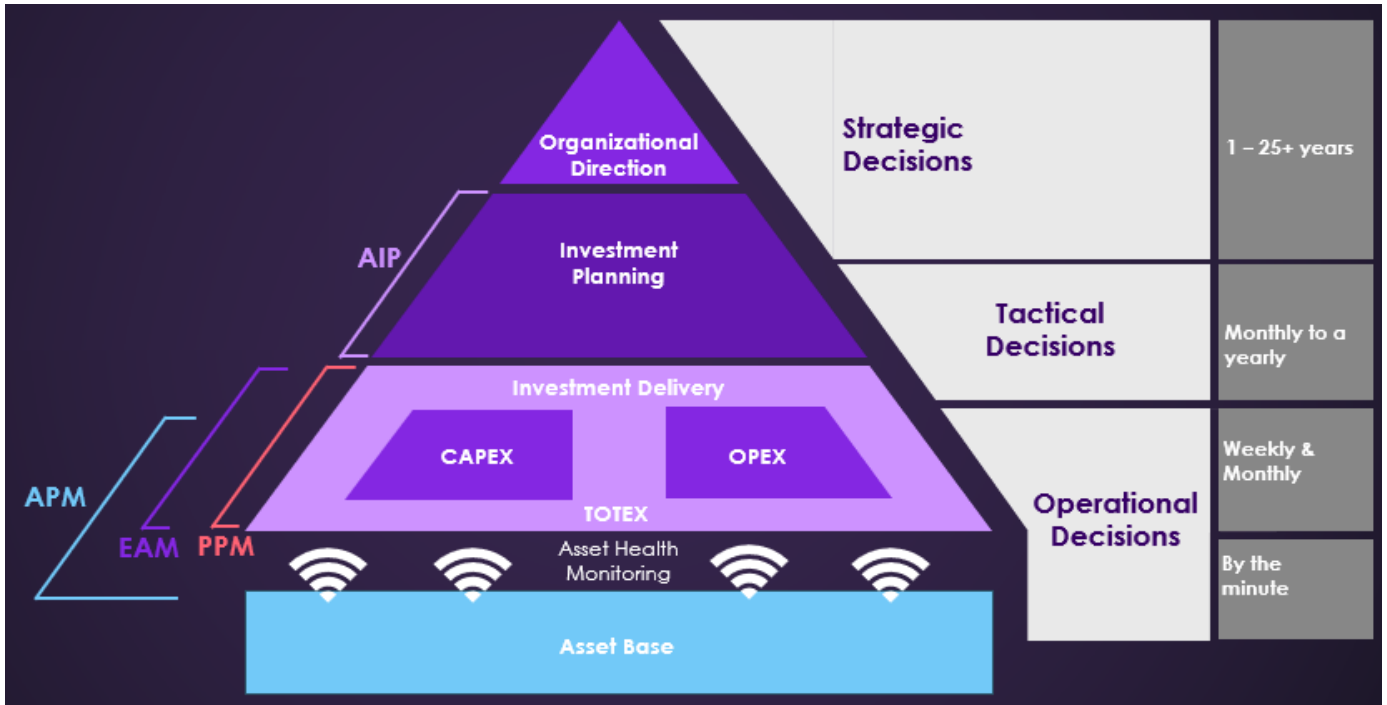


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Copperleaf quantifies investment business cases relative to benefits and risks, allowing organizations to select the best possible capital plan, leveraging their limited resources to achieve optimal returns.

Planners must also consider scenarios where interest rates, climate impacts, or resource availability vary. IFS solutions supports multi-constraint what-if scenario analysis to ensure plans will deliver the highest value no matter what the future holds.

Note that these factors must be considered over timeframes much longer than the immediate planning cycle—up to 25 years into the future—providing investors and regulators alike with predictable, consistent, and defensible long-term capital plans.

Data-based insights

IFS customers will be able to leverage data-based insights to determine the most efficient and cost-effective path forward for immediate and longer-term gains. Portfolios of investments across the enterprise will be optimized within capital and resource constraints to produce the very best outcomes for the company:

- Proactively manage risk exposure
- Balance cost, risk, and business outcomes across the asset base
- Improve planning efficiency
- Communicate, visualize, and defend asset plans
- Allocate funding and resources with confidence
- Execute corporate strategy

Value-based decision-making is an ideal complement to IFS Cloud EAM. Once the technology is seamlessly folded into the IFS Cloud landscape, asset decisions will be enabled, including asset replacement, refurbishment, retirement, and creation, forming a natural extension of the existing IFS paradigm.

verdantix

“Copperleaf combines a market-leading value framework with powerful bottom-up asset modelling and top-down strategic planning capabilities, to enable data-driven decision-making.”

Verdantix Green Quadrant for Asset Investment Planning, 2023

Asset records in IFS Cloud will inform AIP decision-making by supplying critical data to quantify asset risk and determine optimal intervention strategies. This information will be displayed in the asset health dashboard as a single view of asset performance, health, and planning. The combined technologies will continue to evolve within the composable IFS Cloud environment, simplifying the data landscape.

The consolidation of Copperleaf Technologies within IFS is a strategic choice. Both companies have worked in parallel for years, serving asset-intensive industries with multiple shared customers.

Industry use case: Portsmouth Water

Portsmouth Water is a utility company supplying and distributing water in the City of Portsmouth since 1857. The utility serves customers through South East Hampshire and West Sussex, delivering 170,000 million liters of water daily to 735,000 residential and commercial customers.

To achieve long-term resilience and to meet an upcoming price review, the company wanted greater clarity in where and when to invest to maximize capital efficiency, manage risk, and meet performance targets.

Portsmouth Water has been a long-term IFS customer since 2012, leveraging asset and project management capabilities to improve efficiency and effectively manage the lifecycle of its complex asset network. [Learn more.](#)

In 2022, [the company selected Copperleaf](#) for asset investment planning and management. The technology allows Portsmouth Water to evaluate the financial and non-financial benefits of potential investments on a common economic scale. With Copperleaf, Portsmouth Water mitigates risk while consistently delivering on its performance commitments.

The future of asset lifecycles

The combination of AIP and EAM capabilities provides companies with a unique business differentiator—the first end-to-end asset lifecycle model. Underpinned by [Industrial AI](#), the technology analyzes expenditures, business objectives, risk, and optimal asset performance.

IFS has focused on asset-intensive industries since the company was founded in 1983. Working in partnership with our customers, we continue to evolve our industry-leading asset management capabilities.

For more information, [visit our website](#), [learn more about the IFS acquisition of Copperleaf](#), or [contact us](#).

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.



“We chose IFS from a shortlist of three vendors because they have demonstrated that they clearly understand our industry and are committed to working in close partnership with us to deliver a successful project and a world class water infrastructure.”

[Read the full story>](#)

“Copperleaf promises to maintain transparency of operability, reducing the need for black-box decision making and facilitating the development of more robust, appropriate, and defensible investment plans based on our corporate vision and customer needs.”

[Read the full story>](#)

Learn more about how our enterprise software solutions can help your business today at ifs.com.

