



**BUSINESS APPLICATIONS OVERVIEW
READINESS IFS CLOUD - 21R1**

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AEROSPACE &
DEFENSE

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CONSTRUCTION &
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& RESOURCES

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SUMMARY



WHAT'S THE INDUSTRY BUSINESS VALUE FOR OUR CUSTOMERS?



AEROSPACE &
DEFENSE



ENERGY, UTILITIES
& RESOURCES



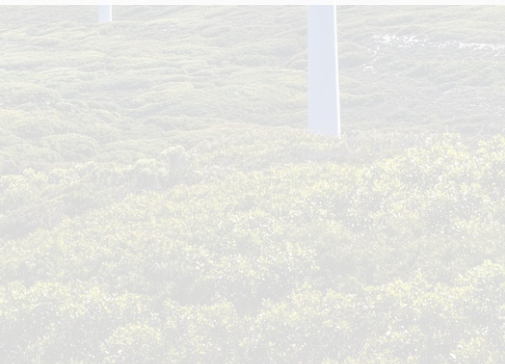
ENGINEERING,
CONSTRUCTION &
INFRASTRUCTURE



MANUFACTURING



SERVICE
INDUSTRIES



A large jet engine is the central focus of the image, with its complex fan blades and internal components visible. A technician in a blue uniform and safety glasses is working on the engine's casing on the left side. The background is a blurred industrial setting.

HOW CAN IFS CLOUD

AEROSPACE &
DEFENSE

MAKE THE BUSINESS FLY HIGHER AND FASTER?

REASON CODE
TRACEABILITY

SUPPLIER
QUALITY
MANAGEMENT &
CLASSIFICATION

MULTI-
LAYERED
OVERHEADS

PART,
ENGINEERING,
& DRAWING
REVISIONS

MAINTENANCE
REPAIR &
OVERALL



HOW CAN IFS CLOUD

ENERGY, UTILITIES
& RESOURCES

ELECTRIFY THEIR ASSETS AND OPERATIONS?

EAM
TECHNICIAN
PORTAL

AURENA
PROJECT
GANTT

EQUIPMENT
DATA
COLLECTION

TALENT
MANAGEMENT



HOW CAN IFS CLOUD

ENGINEERING,
CONSTRUCTION &
INFRASTRUCTURE

BUILD PROFITS AND WORLD LANDMARKS?

JOB RATE
MANAGEMENT

PROJECT
ACCRUALS

INDEMNITY
MANAGEMENT

PROCUREMENT
SPEND
ANALYSIS

The background of the entire slide is a high-speed photograph of a manufacturing process, likely metal grinding or cutting. Bright orange and yellow sparks are flying out from a point of contact, creating a sense of intense activity and heat. The machinery is dark and industrial, with some metallic surfaces visible.

HOW CAN IFS CLOUD

MANUFACTURING

PRODUCE STRONGER NUMBERS AND BRANDS?

MANUFACTURING
VISUAL
PLANNING

NEW
TIME CLOCK
IN AURENA

PAYROLL
INTEGRATIONS


cloudpay
rethink global payroll


Criterion HCM

LEGAL
REQUIREMENTS
INTO CORE



HOW CAN IFS CLOUD

SERVICE
INDUSTRIES

EXCEED CUSTOMER EXPECTATIONS AND MARGINS?

REQUEST
MANAGEMENT

SERVICE
CATALOG

SHIFT
PATTERN
MANAGEMENT

EMBEDDED
REMOTE
SUPPORT

ASSET MANAGEMENT

Refining the EAM Technician Portal
Enhanced equipment data collection processes
Introduction of Status and Health Dashboard for real-time operational decision making
Integration of work orders/work tasks into a master planning tool: initial design work
Separate cloud document storage
EAM product excellence initiative
Pre-study for asset integration and visualization

CRM & CUSTOMER ENGAGEMENT

WebRTC Support
CE Studio Chart Controls
CE Studio Image Library
CE Studio Meta-data viewer
CRM Outlook panel, simplified administration and extended configuration
Track CRM opportunities and activities against objects or object hierarchies
Ability to Group and deal with multiple interactions from same customer
Lead Qualification and Conversion to Business Opportunity
Template Customer Engagement Implementation for IFS CRM
Queue Progression access to CE Providers
Integration with PSO
Reintroduce Facebook & Twitter support
CE Wallboard
Structured Email Automation
CE Workflow versioning
Graphical Workflow Editor
Account Structure - Hierarchy of Group Affiliation
Duplicate Check for Customers and Prospects
Outlook Addin Contact Sync
Sales Organization Basic Data and Security
Business Opportunity for Rentals
Graphical Queue Progression (IVR) Viewer

HUMAN CAPITAL MANAGEMENT

New Time Clock in IFS Aureka
Enhancements to Employee Management and Time and Attendance
Talent Management: employee feedback tool
APIs for integration with third party payroll systems
Next generation Trip Tracker and Time Tracker apps for Aureka Native
Human Capital Management: core solution enhancements
Talent Management: employee development
Talent Management: recruitment process enhancements

FINANCIALS

Project cash plan
Enhanced tax liability date in checks and BoE
Automatic generation of official invoice number
Enhanced tax liability date in checks and BoE
Automatic generation of official invoice number
Enhanced analysis capabilities in Group Consolidation Analysis Model
Generic clearance model for customer invoicing
Group Consolidation usability enhancements
Streamlined and enhanced supplier invoice processing
Enhanced automation in supplier invoice processing
Enhancements to Revenue Recognition

MAINTENANCE, REPAIR & OVERHAUL

Heavy Maintenance Engineer Portal – Refinement
Aircraft maintenance visit: material and part sourcing
Aircraft Maintenance visit: Closed Loop Repair
Component Certificate of Release to Service (CRS) Handling
Maintenance level routings extended to support disposition shop orders
Shops visits - WIP financial tracking
Streamlining an asset disposition steps in a CAMRO context
Shop visit - Exception scenario handling
External Repairs - Handling of Part No/Serial No change

MANUFACTURING

Supplier classification tracking to meet government reporting standards
Management of multiple labor overheads
Inclusion of reason codes for ownership transfers
Improved definition and traceability of engineering part and drawing revisions
Improved procurement and supplier quality management
Standard data integration to enable easier government reporting for defense contractors
Item Unique Identifier (IUID) traceability across application
Improved tracking and visibility of contract prioritization
Support to enable integration with the iRAPT system
Package RFID traceability to increase in-transit visibility
Improved support for configure-to-order manufacturing
Improved planning support for fast-paced manufacturing

PROCUREMENT

Categorization of materials and services
Enhanced spend analysis

ADDITIONAL LOCALIZATIONS

Mexico
Spain
Italy
France
Brazil
Hungary
Portugal
Czech Republic
Slovakia

PROJECTS

Improvements to Contract Management
Removal of Primavera integration
Enhancements to resource management for Service
Improved user experience
Receipt of Shipments
Increased flexibility and improved structure in multi-level projects
Rental Equipment in Resource Management
Earned Value Management improvements
Project Invoicing Enhancements

SERVICE MANAGEMENT

Dell Boomi Adapter for FSM
Multi-Direction synchronization of Work Calendar Exceptions between FSM and PSO
Attachment and Signature enhancements
FSM Mobile: ability to add multiple attachments in a single step
Business rules with user input values in FSM 6 web client
Mobile Collaboration - Embedded Remote Support for Service & Maintenance
Direct-to-site shipment support
Enhanced shift pattern management for service businesses
Keycloak authentication with FSM
Workflow execution for FSM 6 web client
Ability to utilize CopyMaps in FSM 6 web client
Break management for Field Workers
Inventory enhancements for Field Workers
Task Planning from mobile solution for greater flexibility in the field
Working-time management for Field Workers
Service Invoicing Enhancements
Enhanced customer self-service
Re-imagined Case and Request processes
Continued enhancements to Work Execution
Scheduling based on material constraints for better, faster decision making
Ad-hoc and trade-counter procurement
Scheduling and allocation for crew-based work
Resource costing and overhead management for service organizations

SUPPLY CHAIN MANAGEMENT

Demand Server monitoring
Extended visibility of manufacturer's part attributes
Shipment Order capability to facilitate goods movements between locations
Warehouse Data Collection enhancements
Demand Forecast functionality in IFS Aureka to support common forecasting scenarios
Export control enhancements
Support for additional receipt and delivery processes using shipments
Transport management enhancements
Efficient remote warehouse handling
Refilling remote warehouses using shipment orders
Internal order transit: order connection
Warehouse Data Collection enhancements
Rapid Customer Order registration

USER EXPERIENCE

IFS Aureka: ability to subscribe to changes on objects and new task assignments
IFS Aureka: Lobby designer tools
IFS Aureka: improved integration of user documentation
Complete IFS Solution Manager capabilities in IFS Aureka
IFS Aureka: new Augmented Collaboration application service
IFS Aureka Native: Augmented Collaboration capabilities
IFS Touch Apps server to be removed
IFS Aureka Native: customer white labelling
IFS Aureka: customer white labelling
Support for projection-based Lobby data sources
IFS Aureka: ability to use Lobby pages to show analytical content from Information Sources and Analysis Models
IFS Aureka: tighter integration between the user interface, documentation and business model
IFS Aureka: instant charting capabilities
DTA: visualization of 3D and 2D models
Ability to define custom business notifications including actions
IFS Aureka Bot access from within our mobile applications
IFS Aureka: new layout options for IFS Lobby

TECHNOLOGY PLATFORM

Machine Learning: introducing Machine Learning application service
Scheduling and Optimization: enhanced cyclic scheduling
Machine Learning: improved self-learning calculation of journey times
Scheduling and Optimization: reflecting SLA impact on schedules
Analysis Models: new model-driven framework for easy development and tailoring
DTO: Introducing Business Modeler capability for business value engineering
Improved search for Operational and Business reports
Addition of Analysis Models based on Tabular models
IFS Enterprise Explorer and Access Providers to be removed
Enhanced support for additional identity and access managers for user authentication
Cloud native, on-premise capable middle-tier services architecture using containers
Out-of-band platform update capabilities
Enhanced system monitoring solution
Conformance with relevant IASE STIGs and SRGs
Modernized and secured authentication for system-to-system integration scenarios
Introducing solution sets
New capabilities for process automation of business logic actions
DTA: new streaming data service
OData APIs to replace BizAPIs for system-to-system integration
Enhanced time zone support
Scheduling and Optimization: enhanced What-If Scenario Explorer
Operational Reporting: improved report distribution and management
New Analysis Model for CRM
New Analysis Model for Service Management
Analysis Model Group Consolidation Enhancements
API Explorer with enhanced documentation
Model-driven declarative development support for tabular models
Configurable APIs – Inbound
Configurable APIs – Outbound
New Query Designer operating on OData entities
Minimized downtime for applying service updates
Configurable security data filtering





#forthechallengers