



Safeguarding SAP Business Continuity with Skywind

Proactive Prevention and Control of Business Disruptions



Skywind Profile

Software

Development of
Skywind Analytical Platform
for SAP Cloud based SAP® related solutions



+



+



Solutions



Design and implementation of SAP Business Intelligence,
Performance Management, Planning and Data
Warehousing solutions.



Development, optimization and maintenance of SAP
Infrastructure (Basis) incl. SAP upgrades and migrations
to HANA On Premises and On Cloud.



Development, optimization and maintenance of SAP
Infrastructure (Basis) incl. SAP upgrades and migrations
to HANA On Premises and On Cloud.

Protect Your Business, Control Your Processes

The SkyAPS™ Areas of Appliance:

Fraud

to increase the transparency of all SAP activities
by enhancing control upon business and
technical events and processes

to prevent unwanted outcomes and quickly
compensate the damage by diminishing the
consequences and restraining further risks

to identify fraud, reveal problems and
bottlenecks earlier, to protect against
cyber threats

Cyber

to gain visibility, agility, better
management, analysis and control of SAP
background jobs

SoD & Authorizations

to analyze and monitor your segregation of
duties, perform in-depth authorizations
analysis and inform you in real time about
corresponding suspicious activities



Protect Your Business, Control Your Processes

The SkyAPS™ Solutions Pool:

Skywind 4C™

- to increase the transparency of all SAP activities by enhancing control upon business and technical events and processes

- to identify fraud, reveal problems and bottlenecks earlier, to protect against cyber threats

- to prevent unwanted outcomes and quickly compensate the damage by diminishing the consequences and restraining further risks



Skywind JAM™

- to gain visibility, agility, better management, analysis and control of SAP background jobs

Skywind SoDA™

- to analyze and monitor your segregation of duties, perform in-depth authorizations analysis and inform you in real time about corresponding suspicious activities

Solutions and Content

SKYWIND ANALYTICAL PLATFORM FOR SAP

✓ Analytics

✓ Monitoring

✓ Alerting

✓ Smart Data Distribution



- Fraud & Cyber detection
- Business Processes monitoring
- Infrastructure, Communications, Interfaces monitoring
- Business Warehouse monitoring



- Background Jobs analysis and monitoring
- Background Jobs management and optimization



- Segregation of Duties (SoD) analysis and monitoring
- Authorizations analysis and monitoring



YOUR SAP

S/4HANA

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ECC

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BW

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CRM

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SRM

SkyAPS™ Selected Customers



Solutions and Content

✓ Business Disruptions and Bottlenecks

Identify, prevent, eliminate or compensate problems and inefficiencies to ensure smooth business operations

✓ Fraud Detection

Proactively detect and prevent fraudulent activities within your SAP environment

✓ Segregation of Duties

Ensure clear role distinctions to prevent conflicts and unauthorized access

✓ Compliance

Maintain adherence to internal policies and external regulations effortlessly

✓ Cybersecurity

Strengthen your defenses against internal SAP cyber threats with advanced security tracking

✓ Authorizations and Access Control

Manage and monitor user permissions and activities to enhance security and compliance

✓ Technical Infrastructure Hurdles

Overcome technical SAP challenges with robust monitoring, observability, and optimization tools

✓ No-Code, Tailor Made Report Generator

Instant, automated, no-code, real-time SAP reporting

Products and Content

✓ **Skywind 4C™ Anti Fraud and Cyber Pack**

for ultimate SAP protection against cyber attacks and internal fraud

✓ **Skywind 4C™ Business Bottlenecks Pack**

for superior business control and transparency

✓ **Skywind 4C™ Basis and Infrastructure Pack**

for continuous validation of SAP technical consistency and performance

✓ **Skywind 4C™ Business Warehouse (BW) Pack**

for smooth BW operation and maintenance

✓ **Skywind 4C™ Generator**

for instant, no-code creation of your own controls and reports

✓ **Skywind SoDA™ SoD and Authorizations Violations Analysis**

– to eliminate and prevent SoD violations and protection against internal fraud

✓ **Skywind JAM™ SAP Background Jobs Analysis and Control**

to analyze, control and optimize all SAP Background Jobs activities

✓ **Security and Administration App.**

Internal application for ultimate control of platform usage

Skywind 4C™ Business Continuity Pack

for Smooth and Stable SAP Operation



- ▶ Instant, tailor made, no-code, automated, real-time SAP reporting by Skywind Generator™ ◀

01. Financial Accounting – process controls

EXAMPLES:



Exceptional postings by GL account

Financial statements unreliable for business decisions, leading to wrong strategic planning



Parked Documents Aging

Late supplier payments damage vendor relationships and future procurement conditions



Currency Rates Update Failed / Not Started

Wrong pricing in financial documents causes revenue loss and costly correction processes



Incorrect Payment Terms (Contract vs. Financial Document)

Cash flow disruption affects operational funding and investment capabilities



Previous Period Postings

Month/year-end closing delays affect shareholder reporting and compliance deadlines



Missing Document References (e.g. Invoice without PO)

Audit failures lead to compliance penalties and increased external audit costs

02. Master Data Management - process controls

EXAMPLES (by Vendor):



Goods / Invoice Receipt User Violations

Single user control of entire process enables theft through fake invoices



Alternative Payee Assigned to a Vendor

Misdirected payments create disputes with vendors and delivery stops



Bank Account Changes & Quick Reversal

Fraudulent / Incorrect payments drain working capital and trigger costly recovery procedures



Inactive / Rarely Used Vendor With Open Balance

Hidden liabilities surface unexpectedly, disrupting planned cash flow



Multiple Credential Changes

Unauthorized / Incorrect data changes enable payment fraud schemes and financial losses



One-Time Vendor Misuse

Bypass of vendor validation enables fraudulent payments and tax compliance issues

03. Stock and Inventory – process controls

EXAMPLES:



Missing Material Descriptions

Wrong material usage in production causes quality issues and recalls



Inappropriate Material Conversions

Inventory value manipulation possibly hides theft yet definitely affects production costing



Inventory Count Discrepancies

Production stops due to phantom stock, emergency purchases at premium cost



High Inventory Variances (booked vs. counted)

Write-offs affect profitability and trigger expensive stock reorganization



Material Price Fluctuations

Cost calculation errors lead to wrong pricing and margin erosion



Blocked Materials Usage

Production delays from using restricted materials trigger contract penalties

04. Purchasing – process controls

EXAMPLES:



Long-Open Purchase Orders

Capital tied in outdated commitments
blocks new strategic purchases



PO vs. Invoice Terms Mismatch

Payment disputes freeze critical supplier deliveries



PO Creator Self-Approval

Fake purchases drain budget and create artificial
stock shortages



One-Time Vendor Overuse

Uncontrolled spending with unvetted suppliers risks
quality and delivery reliability



PO created retroactively

(after the date placed in Vendor's invoice)

Emergency purchases at premium prices erode
planned margins and budgets



Over delivery tolerance in PO was changed

Since the Over delivery flag does not trigger a re-approval
process, there is a danger of misuse of this flag

05. Sales and Logistics – anti fraud controls

EXAMPLES:



Customer's credit limit was changed

Possible financial risk exposure



Missing Proof Of Delivery (POD) Confirmation

Revenue collection delays create cash flow gaps and banking covenant issues



Billing Document Posting Failure

Revenue recognition delays affect company valuation and investor confidence



Deliveries Not Billed After Goods Issue

Missing revenues create artificial cash flow crisis forcing expensive emergency financing



Zero Quantity Detection

System allows ghost orders affecting production planning and capacity



Sales Order Quantity Min/Max Violation

Misbehavior leading to possible money loss or fraud

06. Controlling and Profitability Analysis

EXAMPLES:



COPA Update Errors (CEERROR)

Wrong profitability analysis leads to incorrect strategic business decisions



Open Commitments

Hidden financial obligations surface unexpectedly disrupting budget planning



Settlement Rules Missing

Cost allocation failures create artificial profit/loss in business units



CO Internal Orders

Project cost tracking fails leading to budget overruns and wrong customer billing



Cost Center Reconciliation

Management reporting inaccuracies cause wrong operational decisions



Internal Pricing Issues

Transfer pricing errors create tax compliance risks and penalties

07. Human Capital Management

EXAMPLES:



Employee-User Link Missing

Ex-employee access remains active creating security breach risks



Hiring Process Gaps

New employee productivity delayed by missing system access and equipment



Position Changes

Wrong authorization assignments enable process violations and fraud



Birthday/Anniversary Tracking

Employee engagement drops affecting productivity and retention



Employee Events Tracking

Missing equipment returns and/or access revocations create security gaps



Manager Notifications

Resource planning gaps create project delivery delays



SAP Logs Monitoring Analysis

Detect anomalies, ensure system security, integrity

EXAMPLES:

SM20: Analysis of Security Audit Log - Details

Impact: unauthorized access attempts, suspicious transactions, user activity patterns, changes to sensitive data

SM20: Analysis of Security Audit Log - Anomalies

Impact: unauthorized access attempts, suspicious transactions, user activity patterns, changes to sensitive data (en masse)

SM21: Analysis of Debugging Log - Details

Impact: program execution, variable values, error messages, program flow, and potential debugging issues

SLG1: Analysis of Application Log - Details

Impact: potential processing bottlenecks, leading to delays in data transmission and potential system instability

Potential Impact: SAP Operational Efficiency and Business Disruptions

SM21: Analysis of System Log - Details

Impact: system errors, warnings, performance issues, background job status, user logon/logout activities

SM21: Analysis of System Log - Anomalies

Impact: system errors, warnings, performance issues, background job status, user logon/logout activities (en masse)

SCU3: Analysis of Change Log (CDHDR / CDPOS)

Impact: changes made to critical data objects, including who made the changes, when they were made, and the old and new values, aiding in audit trails, compliance and data integrity maintenance

DB20: Analysis of DBTABLOG

Impact: detailed records of database table changes, including insertions, updates, deletions, and the associated user information, timestamps, and affected fields

06. Cyber Controls

EXAMPLES:

-  **Login to the DIALOG user's system using a password and not by using Single Sign ON**
Violation of secured Logon
-  **Activation of critical SAP Business / Technical processes via transactions**
Unsecured transaction start
-  **Creating a DIALOG user by NOT authorized parties (not by Authorizations/Basis team)**
Cyber related changes made to User Master
-  **Activating transactions by unauthorized DIALOG users**
Successful run of a transaction even when a user is not authorized to activate it
-  **Any system update through DEBUG, performed by the SYSTEM / DIALOG user**
Unacceptable and dangerous action
-  **Notification of granting/receiving critical authorization (e.g., SAP_ALL/SAP_NEW)**
Potential to a malicious, unauthorized grant of critical rights in the SAP system

Integration with SOC / SIEM Platforms

Enable SAP insights within your Security Operation Center (SOC)

PROTOCOLS:

Syslog Protocol

Centralized Logging: Centralize logs from various devices, systems, and software applications into a single repository.

Security Monitoring: Used in security information and event management (SIEM) systems

Web Services

Use Case: Synchronize data flows between SAP and Non-SAP systems such as CRM, eCommerce platforms, or custom databases.

Benefit: Ensures consistency and accuracy of data across different systems, improving operational efficiency and reducing errors.

Files Transfers

Impact: Interruptions or errors in file transfers can lead to data loss, incomplete data records, and compliance risks, especially in data-driven decision-making environments

SUPPORTED PLATFORMS:



splunk>



IBM Radar



Microsoft Sentinel



solarwinds



SECURONIX



exabeam



ALIENVAULT
USM
ANYWHERE



LogRhythm



ArcSight

SkyAPS™ Alerting Cockpit

Analytics Cockpit Catalog Wizard Generator Feed Support

Cockpit Filters Reset #of Active Alert Instances = 67

Hierarchy Table

NEW UPDATED Category, Subcategory, Alert Description

Source system Summary Last run Activity Severity Scheduling Mode Email SMS Specifications

+ - T ↴ ↵ 10.05.24, 00:00 - 10.05.24, 15:16 #of Alert Instances after filtering = 67

Category, Subcategory, Alert Description	Source system	Summary	Last run	Activity	Severity	Scheduling	Mode	Email	SMS	Specifications		
Applications	ERP1, ERP2, ERT, SKN											
Cybersecurity												
Master Data												
↳ Basis Critical	44											
Background Jobs												
Server Resources												
Anomalies	9											
SM12 Check for Old Locks (10+ hours)	ERP2	18	18			8 hours		1	1			
SM13 More than 20 requests have failed in 20 minutes On SAP App1	ERP1	0	0			10 minutes		3	3			
SM13 More than 20 requests have failed in 20 minutes On SAP App2	ERP2	0	0			10 minutes		3	3			
More than 20 dumps occur during the last 1 hour in ERP2	ERP2	0	0			5 minutes		2	2			
Long Running Background Jobs > 24 h	ERP1	0	0			1 hours		1	1			
Long Batch Input Monitoring - (90+ Minutes)	ERP1	0	0			1 days		2	2			
More than 20 dumps occur during the last 1 hour in ERP1	ERP1	0	0			5 minutes		2	2			
More than 10 jobs have failed in less than 10 minutes	ERP1	0	0			5 minutes		1	1			
20+ IDocs have failed in 10 minutes	ERP2	0	0			15 minutes		1	1			
Communication												
Miscellaneous												
Connectivity	4											
SAP-Prod - RFC Connection Ping - Availability between Servers to Skywind	SKN	0	0			5 minutes		2	2			
SAP-Prod - RFC Connection Ping - Availability - All Env. Up and Running	ERP1	0	0			5 minutes		2	2			
SAP-Prod - Can't log on into the system	SKN	0	0			5 minutes		3	2			
qRFC - Inbound queue count > 100	ERP1	0	0			1 hours		1	1			
System	9											

Skywind 4C™ Notification Output (some fields are masked)

Analytics Cockpit Catalog Wizard Generator Feed Support

PO price was changed (MASKED) (200010_000168)

Metadata Scheduling Email SMS Summary History Code About

Metadata Parameters Format output Data Field names

of Hits = 259

Execution Time	Vendor	Vendor Name	Purchasing Document	PO Item	Material	Changed by	Company Code	Date	Purch. Doc. Category	Old value	New value
26.08.2022, 01:30:11	202620	MPCb6euEFAMn0QjWgsbFAAAAAAA	PwttPrixh	muz7	51202310000	GALD	1	2022/08/21	F	1130.00	9122.00
26.08.2022, 01:30:11	108580	UooJpkpCALx+8IR35+AAAAA	Oo1mKxwsX	muz7	51601336000	GALD	1	2022/08/16	F	36.56	156.87
26.08.2022, 01:30:11	202951	AhvChn+eC4v6wMsPyVyyTAAAAAAA	ZkdxctNc	muz7	51601840030	GALD	1	2022/08/18	F	0.68	0.82
26.08.2022, 01:30:11	104740	TchGn9nQuTAX2vOvB3DTAA	JFY29nQH	muz7	51604669601	GALD	1	2022/08/25	F	75.00	112.50
26.08.2022, 01:30:11	104740	TchGn9nQuTAX2vOvB3DTAA	JFY29nQH	qfJp	51604669601	GALD	1	2022/08/25	F	75.00	112.50
26.08.2022, 01:30:11	203669	zQ3FyUurKjQTC7d5oEoAAAAA	fDmx0P4V	muz7	51601461500	GALD	1	2022/08/23	F	68.40	66.45
26.08.2022, 01:30:11	201003	zl-fH2Htb-9UWgQaoLnAAAAAAA	8uVP6aNB	muz7	51300721205	ROTEMZ	1	2022/08/24	F	13448.00	13488.00
26.08.2022, 01:30:11	203254	Y60c72OoxIX5XkPbRr1AAAAAAA	TX0dHngY	muz7	51203484600	GALD	1	2022/08/24	F	670.00	3103.00
26.08.2022, 01:30:11	203254	Y60c72OoxIX5XkPbRr1AAAAAAA	EyM+H7qLQ	qfJp	51203481100	GALD	1	2022/08/24	F	915.00	3348.00
26.08.2022, 01:30:11	203254	Y60c72OoxIX5XkPbRr1AAAAAAA	EyM+H7qLQ	muz7	51203482900	GALD	1	2022/08/24	F	670.00	3103.00
26.08.2022, 01:30:11	203254	Y60c72OoxIX5XkPbRr1AAAAAAA	TX0dHngY	qfJp	51203484300	GALD	1	2022/08/24	F	915.00	3348.00
26.08.2022, 01:30:11	203254	Y60c72OoxIX5XkPbRr1AAAAAAA	d8cv5tG	muz7	51203482900	GALD	1	2022/08/24	F	670.00	3103.00
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	Vs6fmsBzm	muz7	T-RBC-AM541E	TAMARS	1	2022/08/23	F	28.60	29.17
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	flGmcDzf	SMz	T-MMK-UP0091HPL-E	TAMARS	1	2022/08/23	F	229.80	179.24
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	flGmcDzf	SMz	T-MMK-UP0091HPL-E	TAMARS	1	2022/08/23	F	179.24	229.80
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	mH7O+vBm	qfJp	T-RBC-AM541E	TAMARS	1	2022/08/23	F	28.60	29.17
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	X-Eg+Htvu	qfJp	T-RBM-A201VAE	TAMARS	1	2022/08/23	F	181.10	126.77
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	Vs6fmsBzm	lve	T-RBM-HY2083E	TAMARS	1	2022/08/23	F	106.00	89.04
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	wu8M0EvvS	dsPw	T-RBM-HY2083E	TAMARS	1	2022/08/23	F	106.00	89.04
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	N3rnOHB-i	GtpQ	T-RBM-HY2083E	TAMARS	1	2022/08/23	F	106.00	89.04
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	flGmcDzf	muz7	T-MMK-UP0301HPL-E	TAMARS	1	2022/08/23	F	404.10	315.19
26.08.2022, 01:30:11	203113	CgtHn06nLc5Y7GIM4FpDnAAAAAA	MNUnkmpCW	muz7	T-RBM-HY1093E	TAMARS	1	2022/08/23	F	90.30	79.46

Save format output Wizard Export "Summary" to Excel

Skywind 4C™ Analytical View

Analytics

4C

BW1 %	ECD %	ECP %	ECQ %	KSD %	KTP %	SKN %
0	0	761	0	0	3	0

Active Alerts Number of running alert instances for now. Comparison against yesterday.

Resulting Alerts The number of alerts that have caught at least one problem from beginning of the day. Comparison against yesterday.

Alerting Events The number of alerting events (problems)

Weekly Average The weekly average of alerting events (problems) is the total number of alerting events, accumulated during the last 7 days divided by 7. Comparison against previous 7 days.

E-mail Recipients		E-mails Sent		SMS Recipients		SMS Sent		Users		Recipient Lists	
24		1		19		0		34		5	
The total number of user who receive E-mail alert notifications generated by one or many SAP instances.											
Number of E-mail messages sent today.											
The total number of user who receive SMS alert notifications generated by one or many SAP instances.											
Number of SMS messages sent today.											

of Alert Instances = 162 **Events Daily** vs 26.08.22, 00:00-13:18

PO price was changed (MASKED)
Customer's address details were changed
Deliveries were not billed for more than XX days after actual goods issue
Expenses made on holidays (Factory Calendar = Israel)
Logged on inactive users (1+ hours)
Sensitive changes made to a Vendor's Master
Failed Jobs
Dumps with BAW
Sensitive (Financial) Transactions Usage
PR and PO prices are different
Credit Management Block flag is disabled
Problematic update requests (SALIS)
Vendors Master's Name Change Log

of Alert Instances = 162 **Time Average Daily** vs 26.08.22, 00:00-13:18

PO price was changed (MASKED)
Customer's address details were changed
Deliveries were not billed for more than XX days after actual goods issue
Expenses made on holidays (Factory Calendar = Israel)
Logged on inactive users (1+ hours)
Sensitive changes made to a Vendor's Master
Failed Jobs
BP - ST22 - System Dumps - Details (DR)
TRFC State
Open Purchase orders (logistics, last 365 days)
Batch Input Monitoring - Failed Processes
HR - Birthdays
Sales Document Order and Payer payment terms are different (MASKED)

SKYWIND

Application Interface Language

4C

Skywind 4C™ - Templates Catalog

Catalog # of Exception Indicators = 228

Analytics Cockpit Catalog Wizard Generator Feed Support **4C**

Category, Subcategory, Exception Indicator

	Exception Indicator ID	# of Templates	# of Alerts	Specifications
Administration	SI	11	0	
Applications	SI	81	0	
CO Alerts		4	0	
FI Alerts		9	0	
HR Alerts		4	0	
MD Alerts		4	0	
MM Alerts		12	0	
PUR Alerts		39	0	
Material description in purchasing contract.	EL_AR_000000_000001	1	0	
Purchasing Document Header	EL_AR_X00001_000009	0	1	
PUR: Purchase order changes	SW_10_03_PO_CHANGE	0	0	
Vendor payment items differs invoice payment terms	SW_10_03_INV_TERM_DI	1	4	
Determine Open Purchase orders	SW_10_03_OPEN_PO_DET	1	1	
Released PO waiting for GR	SW_10_03_OPEN_PR_DET	1	1	
PUR: One-time vendor check (detail)	SW_10_03_PO_L_TINE_D	1	2	
PUR: PUR PO Approved by Creator	SW_10_03_PO_APPR_BY	0	2	
PUR PO Approval State	SW_10_03_PO_APPR_STA	1	0	
PUR PD Waiting for Approval	SW_10_03_PO_APPR_WAIT	0	5	
PO Change Log check	SW_10_03_PO_CHNG_LOG	2	4	
Waiting for Complete PO Confirmation	SW_10_03_PO_CONF_COM	1	0	
Purchase order line lead time	SW_10_03_PO_LEADTIME	1	1	
Retroactively created PO by vendor invoice date	SW_10_03_PO_INTRIO_CR	1	2	
PUR: PUR PR Approved by Creator	SW_10_03_PR_APPR_BY	0	1	
PR Waiting for Approval	SW_10_03_PR_APPR_WAIT	1	1	
MM: PREQ & PO value check	SW_10_03_PR_PO_VAL	0	1	

Retroactively created PO by vendor invoice date (SW_10_03_PO_INTRIO_CR)

Metadata Templates Alerts Code About

of Alerts = 2

Alert Instance

Source system: "ECP"

- Retroactively created PO by vendor invoice date Applications (11) PUR Alerts (12) 300001_000082 [Edit] [Duplicate]
- Retroactively created PO by vendor invoice date Applications (11) PUR Alerts (12) 300001_000083 [Edit] [Duplicate]

Wired Export XLS to Excel

Export Catalog to Excel

SKYWIND Software Group

Application Interface Language EN US

4C

Skywind 4C™ - Create Your Own Content (no-code)

Analytics Cockpit Catalog Wizard Generator Feed Support **4C**

Generator → ECP (ECP) → Source: "EKBE (ABAP Table or View)" → Create Alert Instance

1. Basic Settings 2. Selected Fields 3. Currency Conversion 4. External Parameters 5. Key For Delta 6. Documentation

New data entry

Source system* ECP
 Language* English
 Source type* ABAP Table or View
 Source name* EKBE
 Description* History per Purchasing Document
 Category* Live Demo specific developments
 Subcategory* General

Retrieve

Skywind 4C™ Alert Generator purpose:
 Skywind 4C™ Alert Generator (shortly - AG) is designed as a self service module, allowing to instantly convert client's business logic, implemented via various SAP entities into alerts and reports.
 The entities can be SAP standard or Z* based (developed in house).

The list of the entity types, which can be used by AG as sources includes:

- HANA Calculation Views, converted to ABAP external view.
- ABAP Repository Table (e.g. KNA1, MARA etc.).
- ABAP View (any database view, existing in ABAP dictionary, including ABAP Views, based on HANA Calculation Views).
- ABAP Function Module (should be compliant with Skywind 4C™ API). AG will automatically validate compatibility of an FM to Skywind 4C™ API requirements.

Local structure ZSW5S_ARG_300001_000014
 Function module ZSWF_ARG_300001_000014
 Exception indicator EI_AR_300001_000014
 Alert instance

Help Validate Generate

Application Interface Language EN ES

SKYWIND Software Group **4C**

Realise Tangible Benefits



Save Time

Reduce manual effort through an automated business rule engine.



Increase Protection

Prevent fraud with proactive alerts and comprehensive insights.



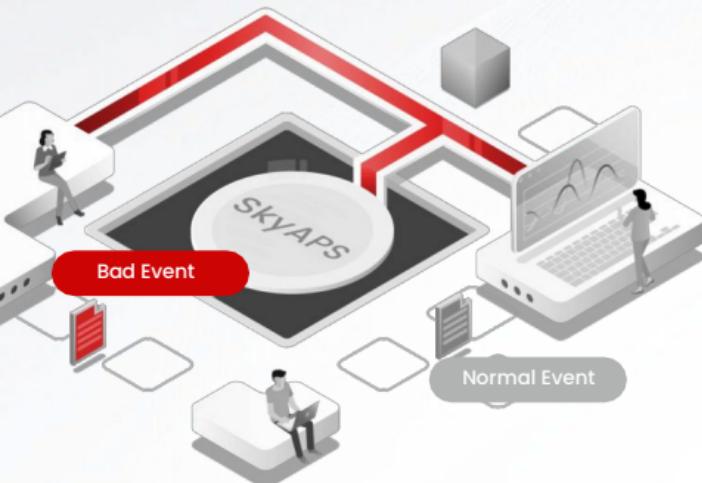
Save Money

Optimize the way you do business by identifying process bottlenecks or violations.



Complete Coverage

Search your entire transactions database versus only a sample achieved during an audit.



To Conclude...

Our software continuously checks the validity of the processes by catching "bad" or "about to become bad" events.

Sophisticated data distribution mechanisms seamlessly and securely distribute critical info to the right audiences.



When mission critical data will start flowing securely, yet seamlessly across all organizational levels, timely reaching key users... only then will your company start a journey to the real Business Transformation.



The Science of Data.
The Art of Business.

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