



Objective data is the basis of an effective business

SCOPD provides comprehensive solutions for insider threat prevention, DLP, and UEBA software.

scopd.net



Current Challenges in Cybersecurity and Employee Behavior Analysis



Rising Cyber Threats:

Cyber-attacks are getting more advanced and frequent



Insider Risks:

Potential threats from employees, whether intentional or accidental



Limitations of Traditional Security:

Old methods are not effective against modern threats and cannot easily spot unusual behavior



Lack of Real-Time Monitoring:

Absence of continuous monitoring to detect and stop threats early



Protection of Intellectual Property:

Need to secure sensitive company information and trade secrets



Understanding Employee Actions:

Crucial to monitor and understand employee behavior, including remote workers, to ensure security and efficiency



Our Comprehensive Monitoring Solutions

Computer and Remote Employee Monitoring:

Track user activity, monitor screens, and create screenshots for both in-office and remote employees to enhance transparency, control, and prevent data leaks, ensuring security and maintaining trust



Time Management and HR User Behavior Analytics:

Utilize HR tools for detailed analysis of workforce productivity, managing work hours, and generating comprehensive reports to optimize processes and increase efficiency



Data Loss Prevention (DLP):

Our DLP solutions safeguard sensitive data, prevent unauthorized access, and ensure compliance with data protection regulations



Advanced threat alert system:

Our system will alert the responsible party to any attempts of unauthorized access or employee misconduct



Analytics

80

reports

100

functions



Monitoring and control

Communications

- ✓ Calls
- ✓ E-mail
- ✓ Messengers

User behavior

- ✓ Sites visited
- ✓ Internet queries
- ✓ Programs
- ✓ Neuronetwork engine
- ✓ Geolocation

DLP control

- ✓ Face recognition
- ✓ File operations
- ✓ Hardware and software
- ✓ Print on the printer
- ✓ Atypical behavior
- ✓ StopPhoto
- ✓ Inventory of software and equipment



Risk analysis

Complex risks

- ✓ Report wizard
- ✓ Global search
- ✓ Deviations from the norm
- ✓ Comparison of departments
- ✓ Automatic risk analyzer
- ✓ Time tracking
- ✓ "Red Button" and "Black Box"

Reports by category

- ✓ Contacts and schedule of relationships
- ✓ Keyboard handwriting
- ✓ Detection of falsifications
- ✓ Activity feed
- ✓ User time
- ✓ Installing programs
- ✓ CPU and GPU workload



Registration of actions

Online surveillance

- ✓ Screenshots of the screen
- ✓ Video from the screen
- ✓ Recording from a webcam

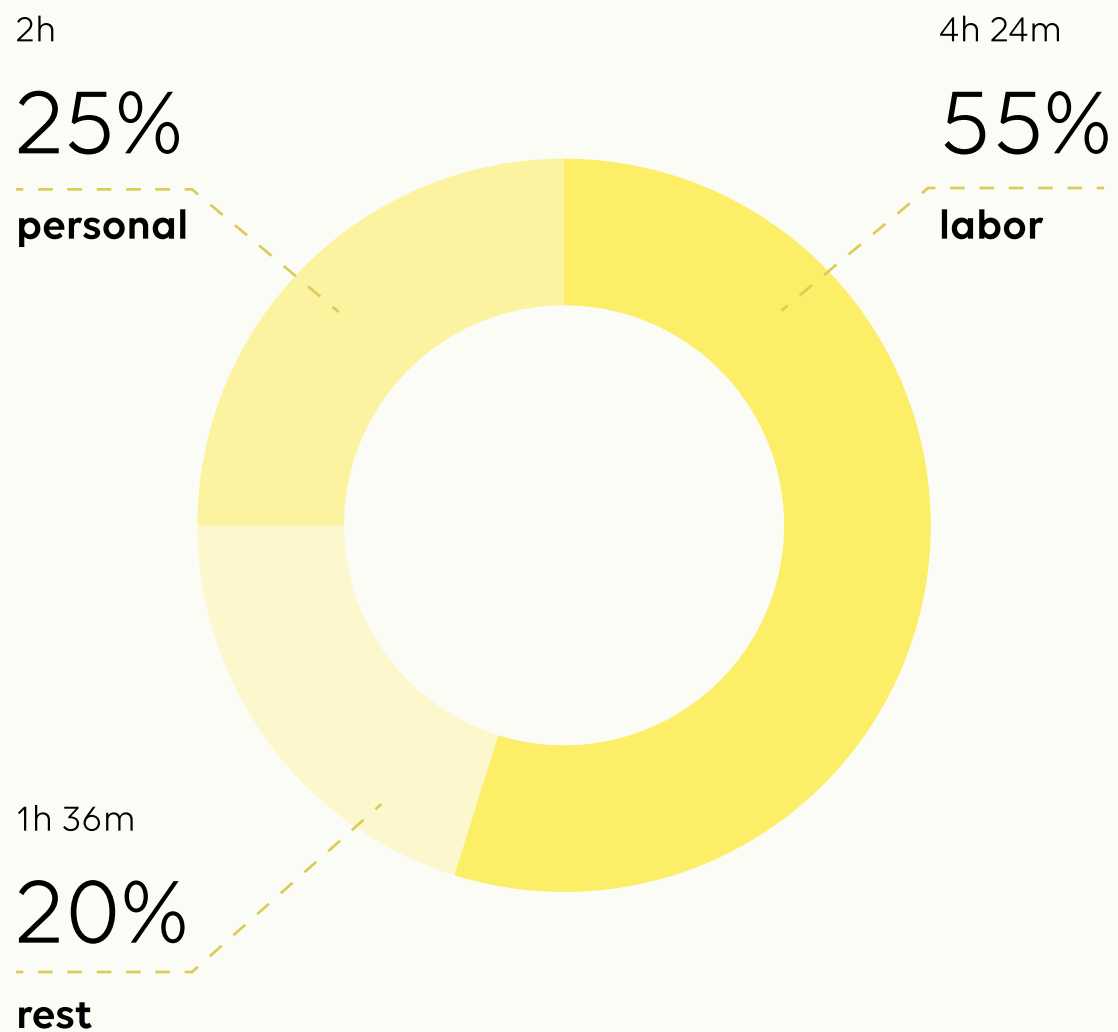
Different data collection modes for user groups

Ability to fine-tune the depth of control for departments, divisions, and individual employees

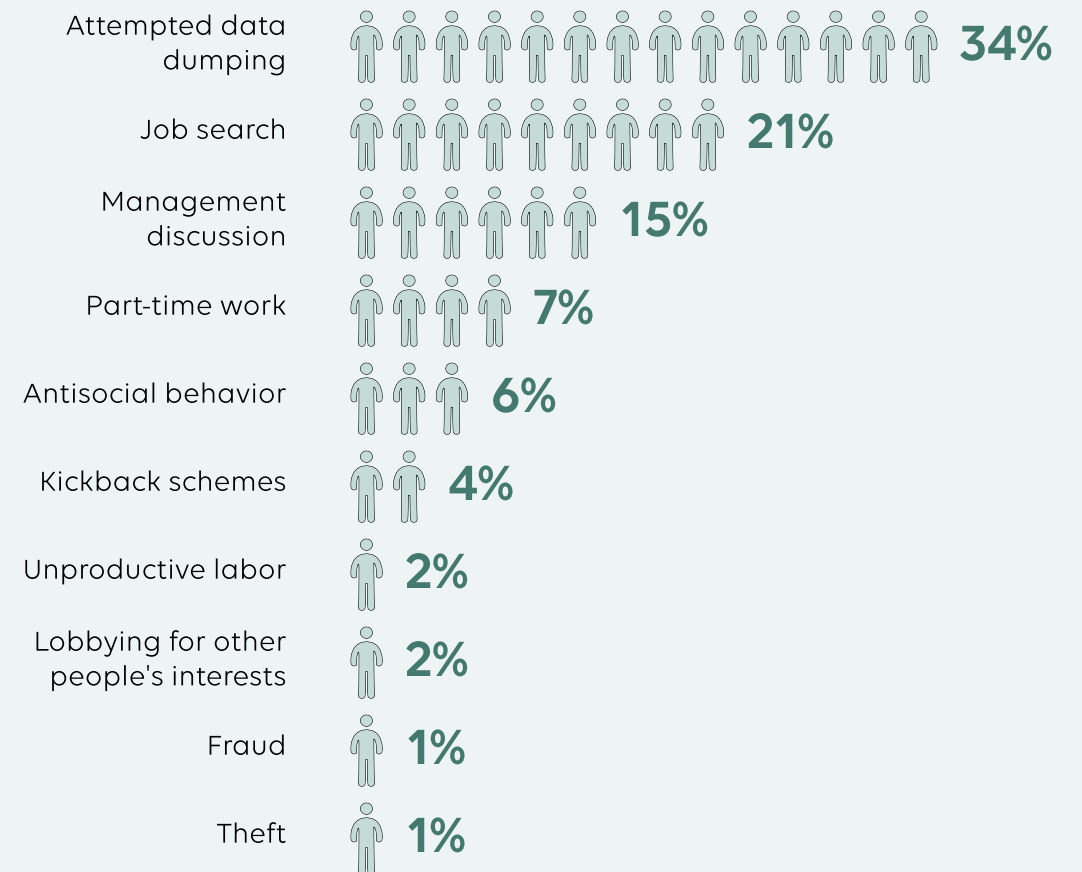
Integration with Telegram

Working day statistics

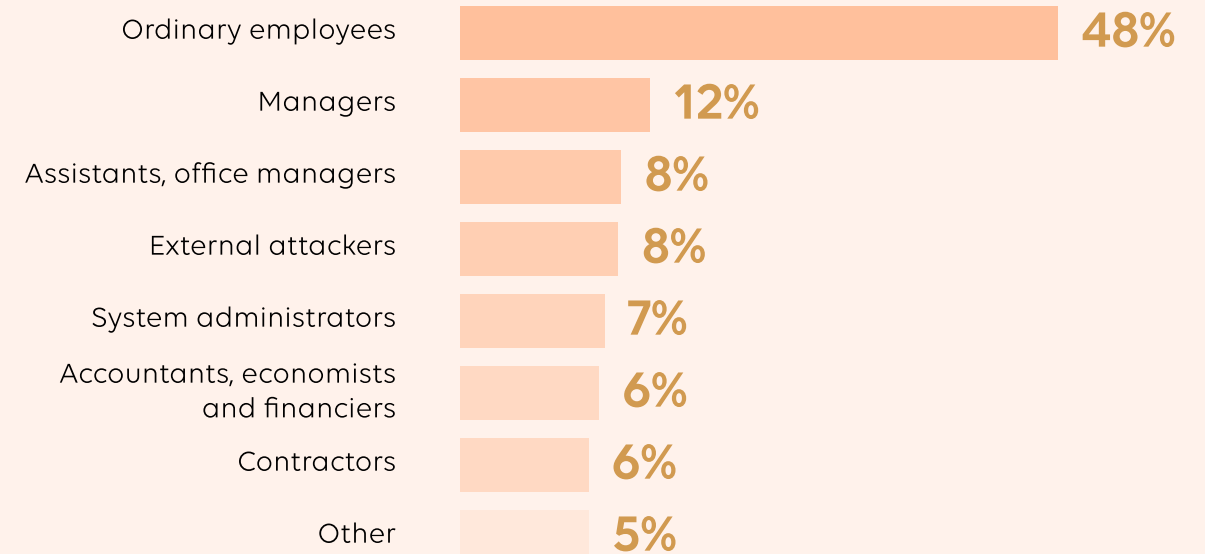
What employees do in the workplace



Statistics of incidents in a medium-sized company



Information theft statistics





Comprehensive DLP Features of SCOPD

Improved Information Leakage Prevention:

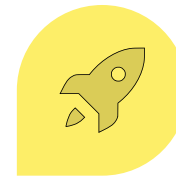
- ✓ Significantly enhanced capabilities to prevent critical information leakage

Behavior Analysis:

- ✓ Analyzes employee behavior based on nearly 30 parameters, generating integrated assessments to support objective HR decisions

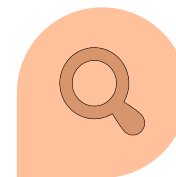


For effective DLP implementation, the new version of SCOPD offers:



Quick Start and Easy Configuration

Fast setup of leakage monitoring thanks to an extensive vocabulary of user behavior categorization



Advanced Search Engine

Allows searching for files on client machines, including "locked" and multi-level archives



DLP Event Triggers

Based on the frequency of certain words mentioned in documents

50%

Fewer false alarms

reduction in false positives when comparing morphological words

Key Features

Enhanced Search Capabilities:

- ✓ **Multiple Search Settings:**
Customize type and size of files, key phrases
- ✓ **Unlimited Search:**
Scans "zipped" and multi-level attachments
- ✓ **Two Search Modes:**
Manual Search: Operator sets parameters and receives results
- ✓ **Automatic Search:**
System audits files based on configured intervals, providing results in a report

Image Watermarking:

- ✓ **Invisible Marking:**
Marks images copied from the screen, considering potential quality loss (JPEG) and resizing operations



Biometric Authentication and Physical Security:

- ✓ **Webcam-Based Face Recognition:**
Uses AI for offline employee identification
- ✓ **Keyboard Handwriting Analysis:**
Prevents information leakage by analyzing employee characteristics
- ✓ **Zero Trust Policy:**
Implements biometric authentication and re-authentication during sessions

Additional Security Measures:

- ✓ **Prevention Screen Photo:**
Monitors and stops attempts to photograph computer screens with a smartphone
- ✓ **Black Box:**
Records and stores data on the user's computer, ensuring quick recovery and detailed investigation during emergencies
- ✓ **Red Button:**
Allows emergency shutdown of all network computers via a text command through Telegram



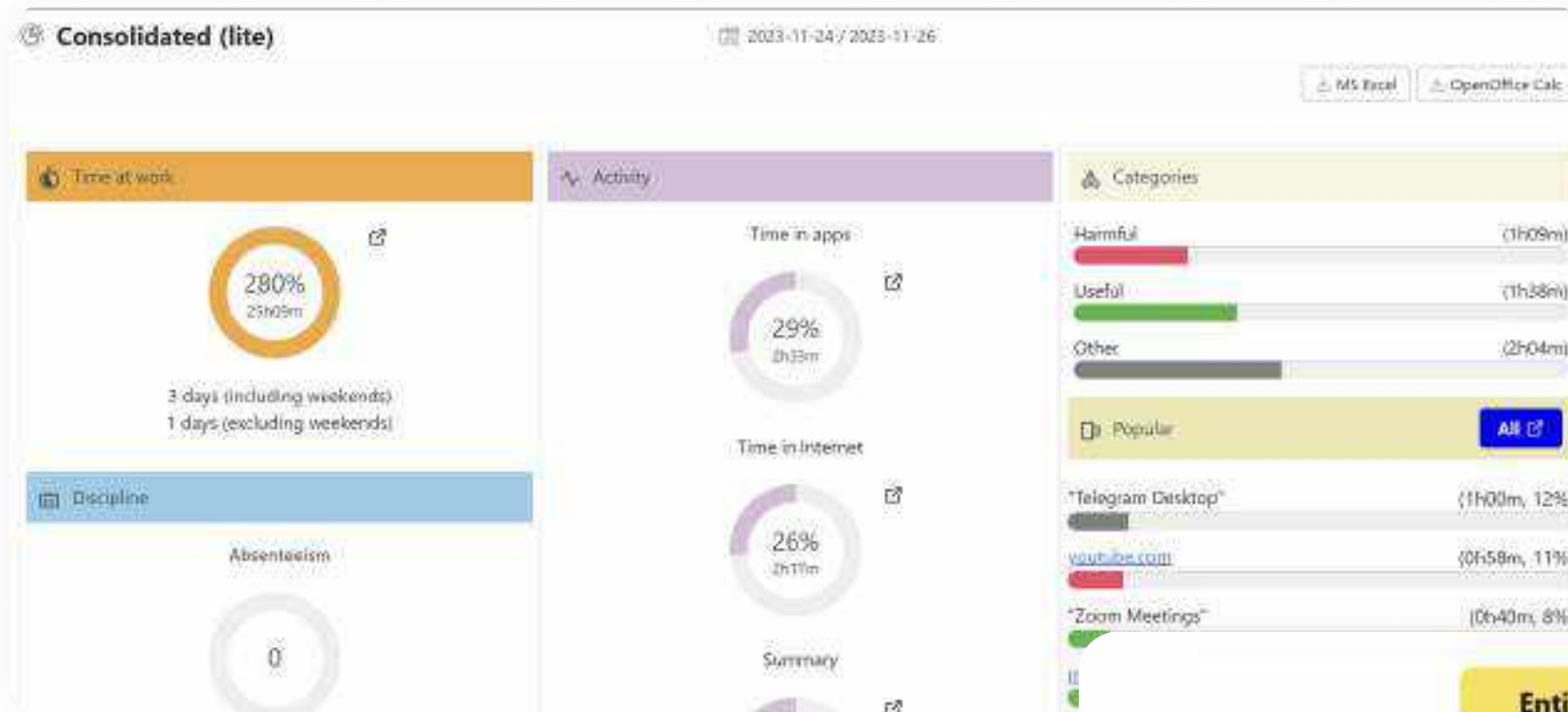
Benefits

User Benefits of the Solution:

- **Proactive Threat Detection:** Detect and prevent threats before they escalate.
- **Real-Time Response:** Instantly block compromised systems and alert security teams.
- **Data Leak Prevention:** Stop unauthorized sharing of sensitive data.
- **Compliance Assurance:** Ensure GDPR and HIPAA compliance with secure data handling.

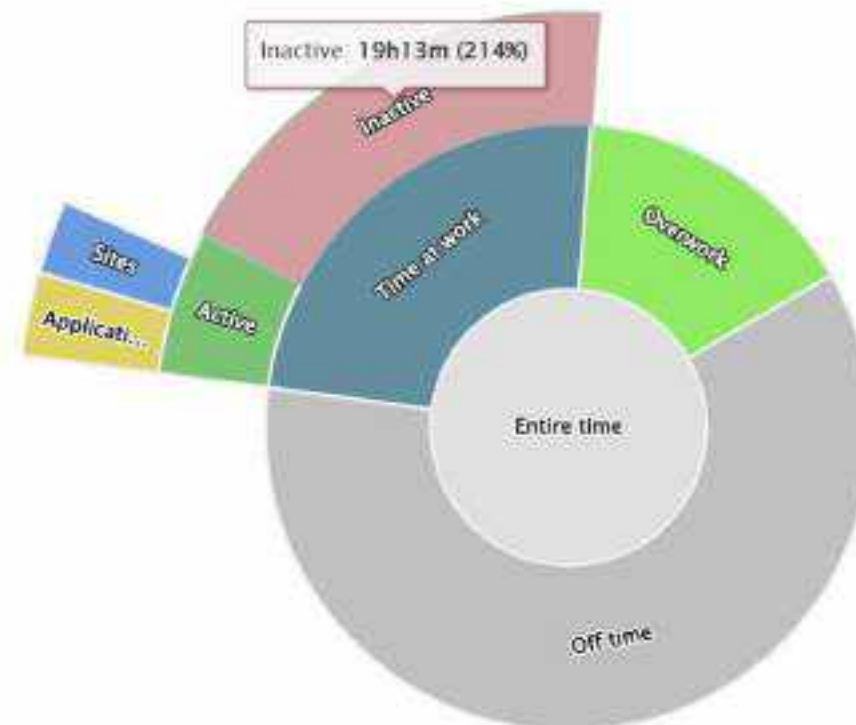
Benefits for Clients:

- **Visibility and Control:** Full visibility and control to protect the business.
- **Workflow Optimization:** Increased flexibility for managing hybrid workflows.
- **Burnout Prevention:** Monitoring employee engagement and proactively addressing overloads.
- **Access Management:** Controlling access to systems and sites during work hours.



Behavior Overview Analysis

Daily Activity Visualization



Examples of Analytics reports

 MS Excel

OpenOffice Calc

Active time;

 Inactive time:

Appointments:

PACS
data:

■ Pause in monitoring:

No
datas/offline.

Column selection 

Search in all columns

Search

Q

#	User	Day	Daily scale	Total time	Total time
1	WILLIAMSON	2023-11-24 (FR)		10h26m	117%
2	WILLIAMSON	2023-11-25 (SA)		11h55m	133%
3	WILLIAMSON	2023-11-26 (SU)		2h48m	32%

 MS Excel

 OpenOffice Calc

PACS data

Activity data

Begin/end of work

Working time

Active time

Nov 2023																			
User	1 WE	2 TH	3 FR	4 SA	5 SU	6 MO	7 TU	8 WE	9 TH	10 FR	11 SA	12 SU	13 MO	14 TU	15 WE	x	Working time (days/hours)	Absences	Lateness + early departures
	16 TH	17 FR	18 SA	19 SU	20 MO	21 TU	22 WE	23 TH	24 FR	25 SA	26 SU	27 MO	28 TU	29 WE	30 TH				
Hafsa	ABS	ABS	ABS	D/O	D/O	ABS	ABS	ABS	ABS	ABS	D/O	D/O	ABS	ABS	ABS		0 / 0h00m		
																	3 / 25h14m	17	1
	ABS	ABS	D/O	D/O	ABS	ABS	ABS	ABS	10h26m	11h55m	2h53m						3 / 25h14m		

Exam