# **Astra Group Product & Service approach**

# **01** One-Stop Principle

You receive a comprehensive IT solution package and all the necessary services in one place.

#### **02** Automation

A set of tools for automated deployment, management, and maintenance of IT systems.

# 03 Integration

All our products are interconnected and easily integrate with each other and with third-party vendor solutions.

## 04 Security

Unique information security tools (IST) built into Astra Linux Special Edition ensure maximum infrastructure protection.

## **05** Certification

At the core of our ecosystem is the Astra Linux platform, certified by all relevant regulators (FSTEC for Level 1 Trust, Ministry of Defense for Class 1 Security, and FSB).

We manage the development of our software stack flexibly and align our product roadmaps with the most relevant market trends and business tasks:

#### **Client Needs Assessment**

Identifying customer requirements and challenges

#### **Research of Industry Trends**

Studying the development vectors of partner solutions and the IT industry as a whole

#### **Infrastructure Analysis**

Analyzing existing large-scale IT infrastructures

## **Scenario Exploration**

Studying real-world use cases for product deployment

# **Customer Feedback Collection**

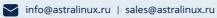
Gathering and processing feedback from clients



For any inquiries, please contact your manager at the Astra Group or use the contact details below:

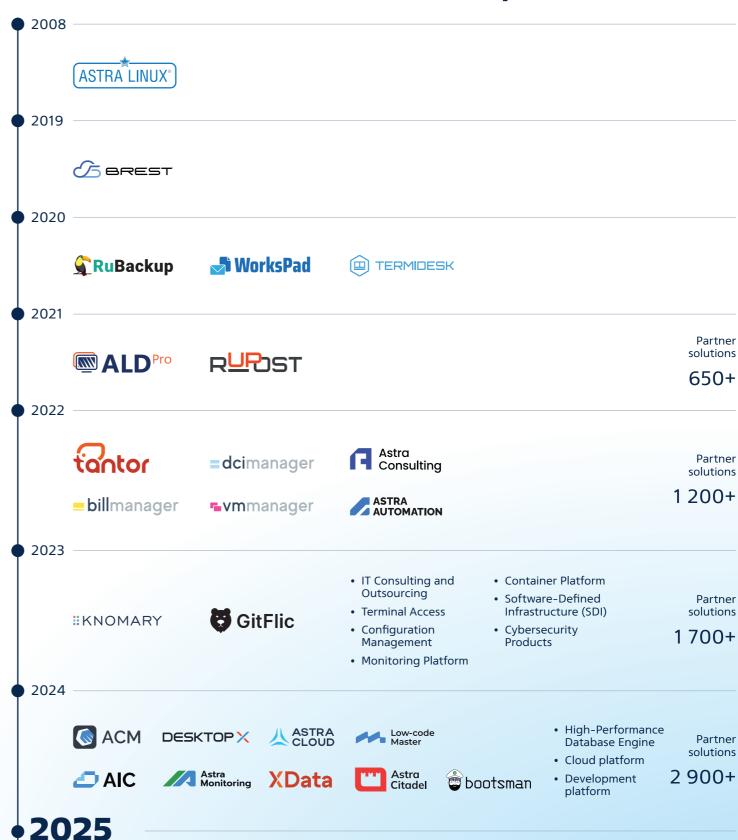








# Transformation of the Astra Group



**RuBackup One Click** 

**Termidesk Connect** 

**Open IDE** 

Tesseract

Partner

solutions

3 600+

# **Astra Group Ecosystem**

The system and infrastructure software stack comprehensively meets customer needs in the creation and development of IT infrastructures, while the vendor's technical support and professional services ensure a smooth and secure implementation.



Versatile OS with advanced security features

Own products

Built-in proprietrary security tools 76%

Russian OS market share 2023

+80%

Revenue growth 2024

Broad ecosystem of compatible hardware and software solutions

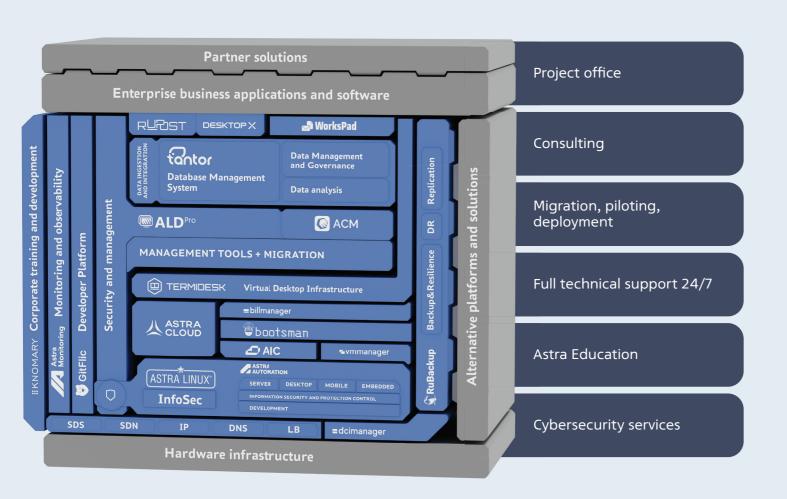
2800+

High skilled professionals

≈20%

Russian infrastructure software market share 350+

Universities training future IT specialists on our software



# **Business Units**

CLIENT ASTRA LINUX° 112 Secure OS

Windows, Red Hat Linux, Ubuntu

ASTRA LINUX

OS mode for mobile devices

Android, iOS

ASTRA LINUX

**Embedded OS version** for specialized devices

Windows Embedded, Android, YoctoProject

Windows applications launcher

Proton Wine, Whisky

SERVER CLUSTER ASTRA LINUX OS mode for highly loaded and fault-tolerant systems Windows Server, Red Hat Enterprise Linux, SuSE Linux ES, Ubuntu Server

**ALD**Pro

Enterprise directory services

Microsoft Active Directory

ACM

Inventory, Systems Managmenet and Configuration

MS SCCM, Zodiac

ASTRA AUTOMATION Software automatization and deployment

Red Hat Ansible Automation Platform, MS SCCM

Astra Monitoring

Monitoring of all layers of the IT infrastructure

Zabbix

VIRTUALIZATION/ PRIVATE CLOUD



AIC by GEREST

Astra Infrastructure Cloud Secure private cloud

VMware Cloud Foundation,



VDI management

Citrix (Virtual Apps and Desktops),

ravmmanager

Server virtualization

VMware vSphere, Microsoft Hyper-V

=dcimanager Hardware infrastructure

HPE OneView, Lenovo XClarity, Dell OpenManage, EasyDCIM

**= bill**manager

management

IT infrastructures management and analysis

WHMCS HostBill

DATA BACKUP, RECOVERY, **PROTECTION** 

1

RuBackup

Backup & recovery

IBM Storage Protect, CommVault Backup, Veeam, ArcServe Backup

RuDR

Software for creating a geographically distributed disaster-resistant enterprise infrastructure

vCenter SRM, VEEAM CC, Veritas DR Orchestrator, IBM DR Manager

**RuCluster** Fault-tolerant

high-availability clustering

IBM PowerHA, Veritas Cluster Server, EMC Remote Cluster Manager

**b** BRO Software

Multi-level backup storage

Dell Data Domain, HPE Storeonce

Oracle Exadata

tantor

DATA

**XData** 

High-load data machine

Database management platform

MySQL, Microsoft SQL Server,



2,\*

101

tantor **DBMS** 

MySQL, Microsoft SQL Server,



ETL/ELT-processes and data warehouse building

IBM Data Stage, SAS Enterprise

**HYBRID** 



Hybrid cloud containerization platform for Kubernetes

multiclusters management Kubernetes, Red Hat OpenShift,



Development platform



Deployment automatization

GitLab, Microsoft GitHub, Gitee,

**APPLICATIONS** ASTRA
CLOUD

SERVISES/

COMMUNICATION

Microsoft Exchange Server

DESKTOP X

Microsoft Outlook

WorksPad

Secure mobile workplace

CitrixMobile, MobileIron

RUPOST

**Fmail server** 

Email client

10;

Cloud platform

MS Azure, AWS, GCP, IBM,



Nextcloud-based enterprise storage for documents and media

OwnCloud

**::**KNOMARY

L&DTech-solutions

SharePoint, Sap SF, Articulate Rise

Astra Consulting

Full range of consulting concerning implementation of Astra Group products for customer's infrastructure modernization projects

Microsoft Consulting Services



Centralized management for corporate data encoding on

the users' workplaces

Bitlocker



Enterprise applications creating platform

Oracle Apex

## **EDUCATION**

**Authorized Training** Educational Portal