Robotron Datenbank-Software GmbH

OCI Packages

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Robotron

499
Specialists for the management of large amounts of data

ISO 9001 and **ISO 27001** certified

64.4
Mio. EUR turnover

Traditional company and innovative IT partner

1990
Year of formation

GmbH
Ltd. with 8 associates

ORACLE | Partner

ORACLE University | Digital Distribution Partner

Microsoft Partner

elastic

splunk>partner+

Quest
Silver Partner

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Robotron Business Areas

Energy Industry

Robotron Energy
Market Platform –
Intelligent Software
Solutions
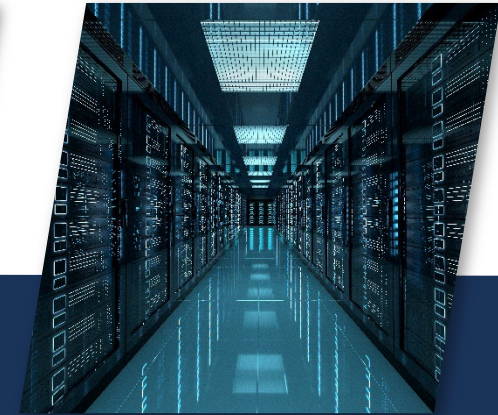for all Market Roles

Public Administrations

Funding
Management,
Collection
Management and
Individual Solutions

Industrial Companies

Digital
Transformation
in Manufacturing

Technology & Services

Platform and
Data Services,
Cloud & Hosting
and Training

Our Oracle Services

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Robotron Business Unit: Technology & Services (T&S)

Portfolio

- Consulting (infrastructure/strategic)
- Concept and implementation
- Projects
- Tuning, configuration, optimization

Professional Services

Trainings and Hands-on Workshops

- Oracle technology (authorized Oracle training center)
- Open source technology
- System operations and migration

- Business intelligence
- SIEM
- Automation
- Machine learning
- Advanced analytics

Data Analytics

Managed Services

- Expert hotline
- 24x7 services
- Proactive system monitoring
- Contractually agreed SLA
- SPoC and service manager

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Oracle Cloud Infrastructure (OCI)
flexible, powerful, cost optimized

- ✓ **Oracle Public Cloud**

- ✓ **Oracle Cloud@Customer**

- ✓ **Oracle EU Sovereign Cloud**

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Oracle Engineered Systems
high performance, cost-optimized and pre-configured

- ✓ **Oracle Database Appliance**

- ✓ **Oracle Exadata Database Machine**

- ✓ **Oracle Private Cloud Appliance**

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OCI Packages

Overview of OCI Packages

Package	Amount of work days (WD)	Duration	Remarks
Oracle OCI Paket: Landing Zone Basic	2	3 days	Landing zone build with standard security - Basic (Hub / Spoke Architecture)
Oracle OCI Paket: Landing Zone Basic + VM Migration	10	3 weeks	VM migration for 15 VM
Oracle OCI Paket: Landing Zone Basic + Oracle DB Migration	5	4 weeks	Oracle Database migration- 1 non-PROD & 1 Prod
Oracle OCI Paket: Landing Zone Basic + Apps to OCI - Non-Prod	6	3 weeks	Move J2EE Apps to OCI – Non-Prod
Oracle OCI Paket: Landing Zone Basic + Oracle DB Apps to OCI	10	4 weeks	Move Fusion Middleware based Apps to OCI
Oracle OCI Paket: Identity and SSO Integration	5	4 weeks	Security- Set up of user management
Robotron OCI Paket: PoC for Oracle DB Migration	5	2 weeks	PoC for Database Migration

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Oracle OCI Package: Landing Zone Basic

**Landing Zone Basic
as a prerequisite for further
Cloud-Services**

**Effort:
2 WD**

Details:

- Tenancy and Compartment Creation
- Policies: Identity and access management
- Firewall Deployment & Configuration (OCI default)
- Load balancer and WAF setup (OCI default)
- Creation of VCN (Upto 5 subnets) and Network and Connectivity establishment
- Internet gateway
- Dynamic routing group (if applicable)

- Service gateway (if applicable)
- Network Security Groups
- Setup of events & notification
- Setup and configure key vaults
- Enable logging for LZ components
- Setup of Cloud Guard and Bastion Services
- Vulnerability scanning

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Oracle OCI Package: Landing Zone Basic + VM Migration

Planning workshops, conception and migration of upto 15 VM

Target environment: Compute Service

Effort: 10 WD

Details:

- Basic Landing Zone Build +
- VM Migration assessment and planning for migration
- Basic Landing Zone Build
- VM Migration upto 15 VM's (DB / Application)
- Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM
- Supported OS / DB

- OS: Windows / Linux supported on OCI
- DB: Oracle (single Instance/ /DBCS/Compute/Baremetal/ExaCS) / MySQL / MS SQL / PostgreSQL)
- Databases with average size of 500 GB
- Downtime based migration
- Single Iteration

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Oracle OCI Package: Landing Zone Basic + Oracle DB Migration

Planning workshops, conception and migration of one productive and one non-productive database

Target environment: DBaaS, ExaCS

Effort: 5 WD

Details:

- ‣ Basic Landing Zone Build +
- ‣ 1 Non-Prod Databases with average size of 500 GB
- ‣ 1 Prod Databases with average size of 500 GB
- ‣ Downtime based migration
- ‣ Single Iteration
- ‣ Target is VM DB Systems DBCS VM/ExaCS

- ‣ Security Review: Cloud Guard, Data Safe, VSS, IDAM etc.
- ‣ NOTE : In case if DB size is more and bandwidht is less for migration there will be direct impact on implementation timelines
- ‣ no Characterset Conversion
- ‣ no Database Consolidation

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Oracle OCI package: Landing Zone Basic + Apps to OCI - Non-Prod

Planning workshops, conception and migration of 3 non-productive J2EE Apps

Target environment: VM, OKE, BM

Effort: 6 WD

Details:

- Basic Landing Zone Build +
- Network and connectivity setup VPN/FastConnect
- Base J2EE platform provisioning (MP Image/OKE/Manual)
- Up to 3 Non-Prod environments (1 x HA, if required)
- Provision Load Balancer/Web Application Firewall
- SSL certification configuration

- Security Review: Security Review: Cloud Guard, Data Safe, VSS, IDAM, WAF
- no application customization or interface adoption
- no enhancements or re-factoring
- no Cluster or DR activities

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Oracle OCI Package: Landing Zone Basic + Oracle DB Apps to OCI

Planning workshops, conception and migration of one productive and one non-productive Middleware environment

Target environment: Weblogic Service on OCI, OKE, VM, BM

Effort: 10 WD

Details:

- Basic Landing Zone Build +
- Network and connectivity setup VPN/FastConnect
- Up to 1 Non-Prod & 1 Prod environments
- Provision Load Balancer/Web Application Firewall
- Base instance deployment in the case of Webcenter
- Base instance and up to 5 (Blended complexity) SOA or OSB hosted integrations or BPM flows
- Up to 5 Forms and Reports

- Up to 2 iterations of technical post migration review
- SSL certification configuration
- Security Review: Security Review : Cloud Guard, Data Safe, VSS, IDAM, WAF
- no application customization or interface adoption
- no enhancements or re-factoring
- no Cluster or DR activities

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Oracle OCI Package: Identity and SSO Integration

Federation of Microsoft AD with Oracle IDCS for admins und applications

Target envionment: Customer Tenant

Effort: 5 WD

Details:

- Basic Landing Zone Build +
- Configured Single Sign On (SSO) federation with Identity Cloud Service (IDCS)
- Synchronize identities and groups between on-premises Active Directory and IDCS
- 1 Non-Prod environment

- One standard instance, mapped and synchronized to AD for Admin Users and one standard instance, mapped and synchronized to AD for Applications
- Security Review: Cloud Guard, Data Safe, VSS, IDAM etc.
- NOTE: Based on feasibility will support in integrating SSO with standard SaaS products

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Robotron OCI Package: PoC for Oracle DB Migration

PoC: Cloud Workshop and migration of one exemplary database

Target environment: DBaaS, ExaCS

Effort: 5 AT

Details:

- Oracle Cloud Workshop
- Basic Landing Zone Build +
- Migration of one DB to OCI
- Evaluation and presentation of results

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