IoT, BigData, Automation. RIOS: 1 network, 11 aziende per la Digital Transformation

Cosmo Pepe, S2S co-founder
RIOS: a network of competencies, to extend your business

Cosmo Pepe
RIOS' facts and figures
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- OS is our reason-why! new members welcome! :-)

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@RIOS we work on
RIOS’ Technological Stack

Mobile  Safety  Digital Identity  e-Consulting  e-Learning
HRM  Digital Philology  LATEX  Collaboration  zimbra
Knowledge  OptaPlanner  ProcessMaker  Open Data  GeoNoci
Automation  sonar  Big Data  pentaho  elastic
Middleware  WildFly  WSO2  API  StrongLoop
Active Directory  SAMBA  Cloud  openstack  RANCHER
DBMS  mongoDB  LUCENE  RHEL  Ubuntu
Linux  redhat
OPEN DATA
BIG DATA
DATA ANALYTICS
LOCATION INTELLIGENCE
IOT / INDUSTRY 4.0
MACHINE LEARNING

#RedHatOSD
SECURITY & VULNERABILITY ASSESSMENT
PENETRATION TESTING
IDENTITY & ACCESS MANAGEMENT
GDPR
BLOCKCHAIN
SAFETY
LEARNING MANAGEMENT SYSTEM
VIRTUAL CLASSROOM
WEBINARS
WEB CONFERENCING
LEARNING ANALYTICS
DEVOPS
PAAS
IAAS
CONTAINER ORCHESTRATION
CI/CD
HYPER-CONVERGED INFRASTRUCTURE
WEB, COMUNICAZIONE E COLLABORAZIONE

CMS / WMS
ERP / CRM / B2B2C
(GEO)PORTALI
BOTS
EMAIL&COLLABORATION
UNIFIED COMMUNICATION

#RedHatOSD
SVILUPPO AGILE
STUDI DI USABILITÀ'
MOBILE EXPERIENCE
ADVANCED SEARCH
Applications

- Internet of Things
- Industry 4.0
- Smart Cities
- Artificial Intelligence
- DevOps
- Blockchain
- Big Data
- Edge Computing
- ...
Infrastructure and platforms

➔ Very diverse applications, evolving and growing both qualitatively and quantitatively.
➔ Have your IT re-organized to keep-up with data flows and make development and production easy.
➔ Ready to every scenario with:
  ✓ your own infrastructure;
  ✓ your own platforms;
  ✓ your own ability to respond rapidly, with the software to new and unpredictable needs or opportunities
Conceptual/Technological stack

**Dev**

- CI/CD (e.g. GitLab)
- Container (e.g. Docker)
- DevOps (e.g. Ansible)

**Prod**

- AI (e.g. TensorFlow)
- BigData (e.g. Kafka)
- Orchestration (e.g. Kubernetes)

- OpenStack

- Supporting “buzzwords” applications
- Infrastructure → Application (bottom up)
- Development & Production (left-right)
  - Dev: fast + flowing
  - Prod: automatic + stable
Questions welcome :-) 
now or @RIOS desk
GRAZIE PER L’ATTENZIONE

Cosmo Pepe

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