Competencies, experiences

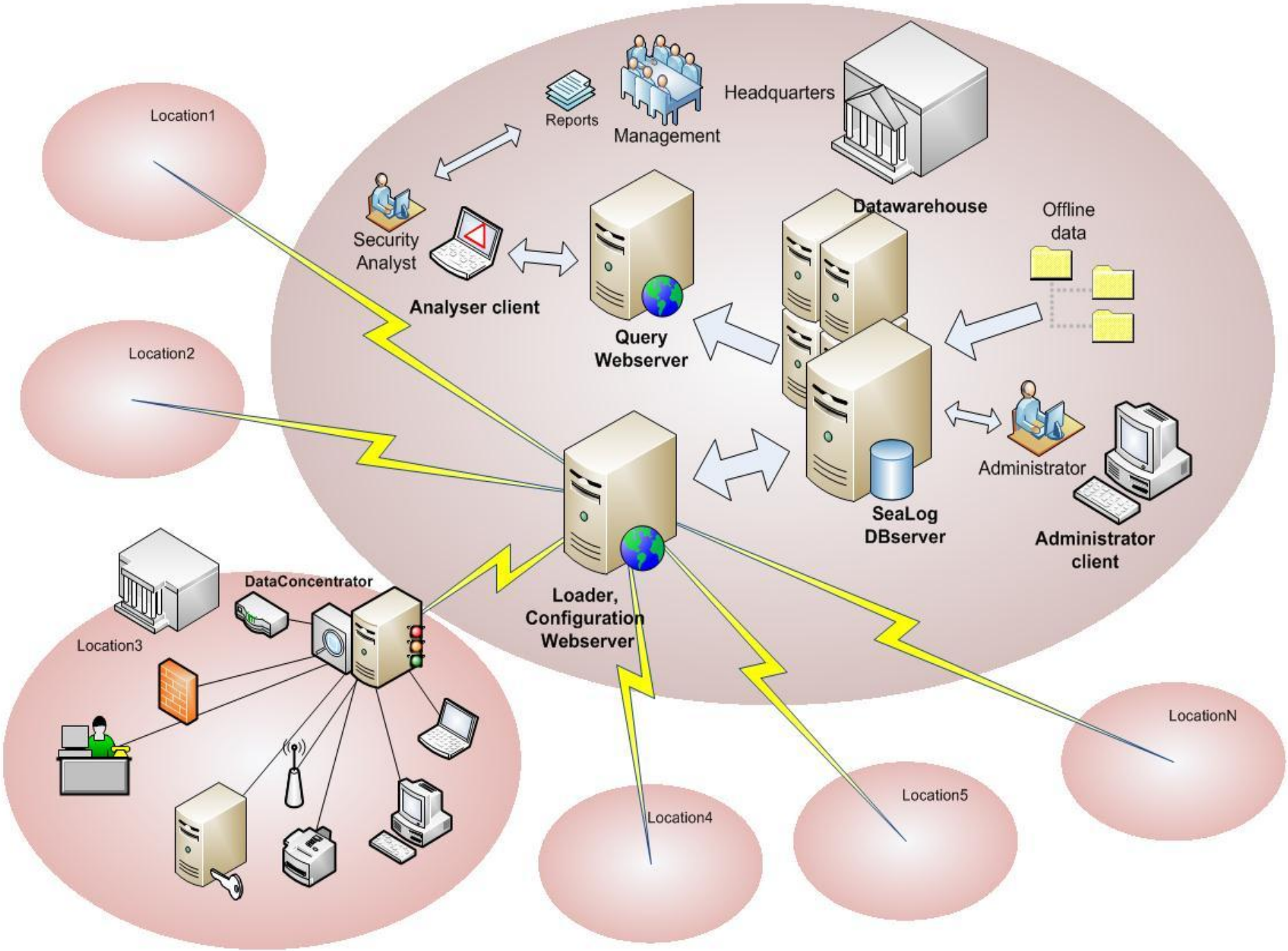
- Developing customized systems
  - Enviroment: java, ASP .NET; C/C++, C#; PHP ...
  - RDBMS: MsSQL; Oracle; Sybase…
- DataWerhouse solutions
  - ETL - Business Intelligence - OLAP, Datamining - Standard & ad-hoc reporting system
- Own systems
  - Providing operational procedures: SeaFM-Facility Management; Vehicle fleet management, Digital Office, HR Man-hunter
  - Supporting information security: SeaLog–digital track analisys sytem; SARM– Access rights monitoring system
- Business Process Reenginering, Enterprise Architecture

Our successes

- Innovation tenders:
  - 10+ succesfully closed tenders
  - 7 open Researche + Development (R&D) tenders
- Referencies:
  - Hungarian Telekom (Deutshce Telekom),
  - Hungarian Nuclear Power Plant,
  - Alcoa,
  - Budapest Bank (GE Money),
  - OTP Bank,
  - Budapest Airport ...

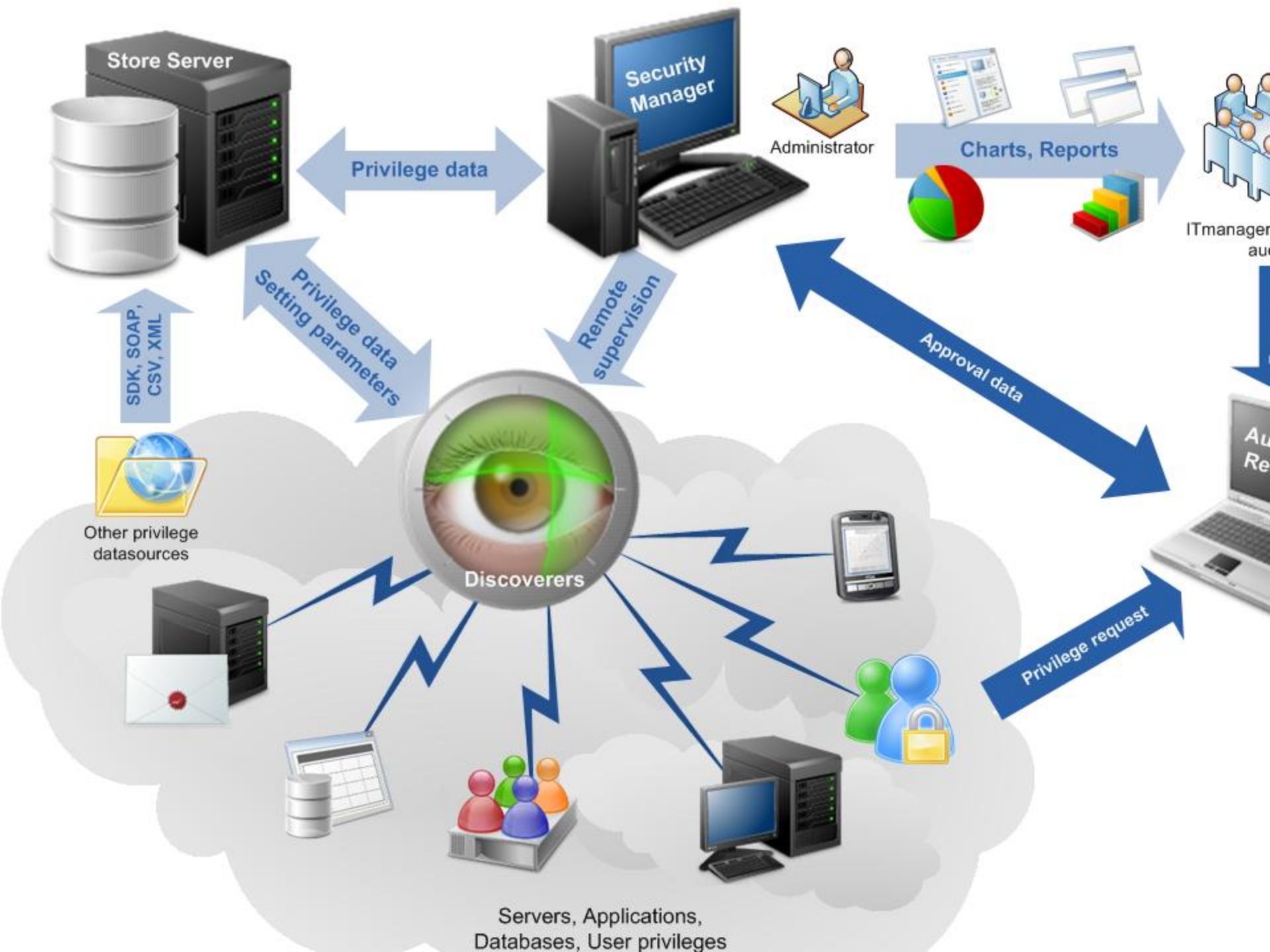
Primary playground: Information Security

- SeaLog – Digital track analysis
  - Intelligent data collection (system logs, transaction logs, operational data)
  - Data consolidation, data processing
  - Data analysis, event monitoring, anomaly recognition
- SARM – Access rights monitoring
  - Discover user privileges and object's access rights,
  - Analyse security settings, discover the anomalies,
  - Support privilege request and approval processes


Location1
Reports
Management
Headquarters
Security Analyst
Analyser client
Query Webserver
Datawarehouse
Offline data
Location2
Administrator
SeaLog DBserver
Administrator client
Loader, Configuration Webserver
DataConcentrator
Location3
LocationN
Location5
Location4

Primary playground: Information Security

- SeaLog – Digital track analysis
  - Intelligent data collection (system logs, transaction logs, operational data)
  - Data consolidation, data processing
  - Data analysis, event monitoring, anomaly recognition
- SARM – Access rights monitoring
  - Discover user privileges and object's access rights,
  - Analyse security settings, discover the anomalies,
  - Support privilege request and approval processes


Store Server
Security Manager
Administrator
Charts, Reports
Privilege data
SDK, SOAP, CSV, XML
Privilege data Setting parameters
Remote supervision
Approval data
Other privilege datasources
Discoverers
Privilege request
Servers, Applications, Databases, User privileges

Our recent innovation project

- Task:
  - Improve SeaLog digital track analysis system
- Goal:
  - To use the Artificial Intelligence in the track analysis
  - To recognise the non-declarative operational anomalies
  - To generate automatic and objective professional verdicts
- Methods:
  - Similarity Analysis - COCO (Component based Object Comparison for Objectivity)
  - Linear programming solver
  - Professional textpanels

Planned scope of our SeaLog improvement

- Business oriented:
  - HR risk level management
  - Fraud and abuse exploration
  - Online audit support
- IT oriented:
  - Operation support,
  - System/device monitoring,
  - IT security management
- Techonology oriented:
  - Failure forecast,
  - Availability,
  - Performance/utilization