INMANTA

inmanta

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PRODUCTS AND SERVICES

- Inmanta Service Orchestrator for E2E service orchestration, including DevOps tools for CSPs to use themselves:
    - A Software Development Kit (SDK) &Integrated Development Environment (IDE)
    - A unit testing framework for service models and dashboards
    - Release management through Git-based version management, full traceability and CI/CD support for multiple environments (development, testing, staging and production
- Inmanta Connect – a pre-configured version of the Inmanta Service Orchestrator that provided out-of-the-box E2E service orchestration for connectivity services. Fully compatible with MEF 3.0 Underlay Connectivity Service standards.

KEY STRATEGIES

- Approach network service automation from the top-down, automating the design and instantiation of end-to-end services.
- Provide a platform that a customer can use themselves to automate network operations, built for maximum platform agility and reusability as requirements change.
- Use a proprietary domain specific language (available as open source) for automating services in a very dynamic manner.
- Implement an intent-based (outcome-based) northbound RESTful interface
- After designing, and before implementing, run a test in a sandbox to ensure the proper behaviour. Check the behaviour of the service instantiated as the last step in the orchestration process.
- Use the existing domain controllers, NMSs/EMSs, VIMs, and Ansible automation playbooks (or other automation scripts), if available. Use direct interfaces to network functions, if not.
- Focus on MEF-based B2B connectivity services, and E2E 5G network service slicing management.

Key Customers

- **BICS** for E2E automation of capacity and datacenter services
- **Telenet** (Liberty Global)

Founded 2016 Private

Inmanta provides CSPs a software platform for end-to-end service orchestration of telecoms services, using standard interfaces and an open source, proprietary intent-driven language for dynamic service orchestration sequencing.

Ecosystem

- **Amartus** – systems integration partner for Inmanta projects
- **Devoteam** – systems integrator partner

Leuven, Belgium

MYTAKE ANALYSIS

- Inmanta is a new, very small, leading-edge software platform provider with a proven end-to-end solution exploiting the latest generation of cloud native software technology to tackle formerly nearly intractable problems.
- Inmanta differentiates itself with its E2E service automation approach, features for testing a new configuration via a limited digital twin sandbox and service behaviour after instantiation, its intent-based interface, and its proprietary domain-specific language for creating dynamic workflows.
- Surely a company to watch closely.