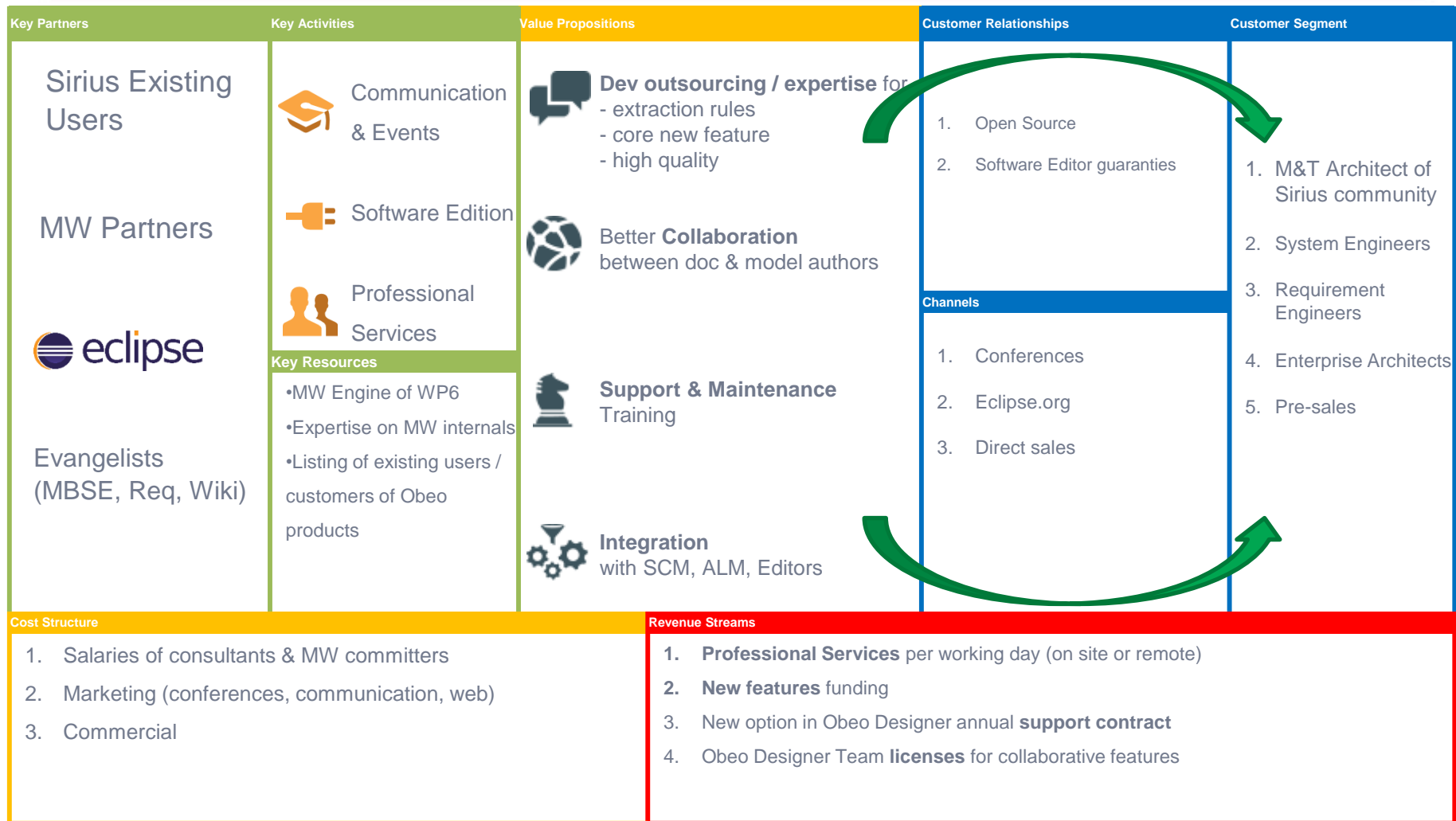


Exploitation, Dissemination, Standardisation (WP7)

Yvan Lussaud, OBEO

Business Model Canvas - Obeo



Integration with Siemens Teamcenter PLM visualization

Required for FORD-OTOSAN use case

Using JT Open Toolkit's C++ application programming interface for 3D product information

ISO 14306:2012 Industrial automation systems and integration -- JT file format specification for 3D visualization

Integration with IBM Rational DOORS or Esterel SCAD Suite

Required for HAVELSAN use case

using ReqIF (Requirement Interchange Format) Standard and Eclipse's Requirement Management Framework (RMF)

Obeo Sirius	<ul style="list-style-type: none">• 200 clients and about 10000 prospects• 60% of Obeo's revenue
MBSE	<ul style="list-style-type: none">• System analysis and live cycle tooling• About 50 million euros (IBM, Siemens, Dassault System, PTC, ...)
Enterprise Architecture	<ul style="list-style-type: none">• 100 million euros in France alone• 9000 people certified Togaf 9 in the world
Competitors	<ul style="list-style-type: none">• Reqtify, Recycle, DoorsNG• Assets of MW: Open source, Interoperability, not only focused on requirements

WP7

KPI

	Actual	Goal
Number of users (not counting MW participants)	0	10
Number of projects using MW outcomes	0	6
Unique visitors of MW website per month	0	300

Release of Tarski platform (WP3) – UNIT and KOCSISTEM

- Automated analysis and dynamically configurable semantics of traceability links
- Standalone and open source <https://github.com/ModelWriter/WP3>

Achievement: Synchronization of EGR & FEAD designs with specifications

- Improve review process of engineering teams
- Impact analysis of design changes

Release of M2Doc – Obeo

- ModelWriter helped us to ramp-up MS Word document creation and Java API
- New product of MS word document generation M2Doc
- Future new feature for traceability using ModelWriter mapping API

Release of Synchronization Engine and UI – Obeo

- Synchronization engine first version
- First implementation of GUI

Ontology consistency checking – CNRS and Airbus

- Identify and remove inconsistencies from the knowledge base
- Solution based on Airbus needs

MS Word plug-in – UNIT and HISBIM

- Enable seamless integration with ModelWriter on Eclipse platform
- GUI is almost ready
- Working on integration of Eclipse platform and MS Word plug-in with respect to ModelWriter workspace



Release of Component Ontology – Airbus

- partially describes the vocabulary used in the SIDP documents and database
- Improves the SIDP model developed in first semester
- Used for semantic annotation and link creation

Web based services for Turkish language support – Mantis

Highlight experience of industrial end users

- Airbus
- Havelsan
- Ford-Otosan



6th international ModelWriter Workshop (25 February 2015)

- Product owner review
- Integration of first release



7th international ModelWriter Workshop (6 June 2016)

- At Airbus headquarter
- Brain storming and progress presentation
- Mapping base design and sketches of GUI by Obeo



Airbus Friday TechTalk

- Demonstration of current state
- Presentation of objectives



MPM4CPS (Multi-paradigm Modeling for Cyber-physical Systems) Cost Action

- UNIT and AIRBUS are Management Committee Members representing Turkey and France in this COST action

The European Research Network on Software-intensive Systems-of-Systems (SiSoS)

- UNIT is a participant in the network

ITEA3-Assume project

- Ford-Otosan, Havelsan, KocSistem and UNIT participates in that project



ACM Applied Computing Symposium

- Accepted Conference Paper



SAT/SMT/AR Summer School

- Poster presentation



VTSA Summer School

- Poster presentation



Use Obeo deployment of MW on Sirius documentation

Target developers as early adopters

- EclipseCon, SiriusCon, Eclipse Demo Camp

Move MW project to Eclipse foundation



Modular architecture

- Open source
- API
- Definition of domain model for mapping

Used standards

- EMF based of MOF
- XMI serialization
- Standard ontology formats (owl, rdf, turtle, ...)