**DevOps transformation**

Pilot pre – questionnaire SCQ team

1. Who is **Team Leader** and **Delivery Manager** of the team? Any other stakeholder that should be included in the pilot project?

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| Team leader and lead developer is Mateusz Borowski. Delivery Manager is Viveka Pihlquist |

1. Please list members of the team and their location. Please include the roles of the members (Business Analyst, Developer, IT architect.. ) and their contact details (e-mail).

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| **Poland**  Team leader / lead developer: Mateusz Borowski 100%  Architect/Developer: Tomasz Krzesinski 100%  Developer: Tomasz Michalowski 100%  Developer: Felipe Lautenschlager 100%  Support Developer: Maciej Przybecki 100%  Test Manager: Pawel Bolesta 100%  Tester: Piotr Rusiniak 100%  Analyst: Kacper Potrykus 50%  **Sweden**  Solution leader: Paulina Nytko 100%  Lead architect: Chris Fober 20%  Analyst: Mats Carbin 100% |

1. What is the service provided by the team? What technologies and platforms are being used?

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| SCQ system which stands for Service Contract Quotation is a tool used to prepare proper Contract for truck or machine.  Current technology stack is:  Language: Java 8  DI: Spring  ORM: JPA2  DB: Oracle 12 - > we are planning to migrate to Postgres  Server: JBoss 6.4  GUI: JSF2 / RichFaces -> we are working on Angular 2.x pilot  Dependency manager: Maven 3  DB Script manager: Liquibase  Continuous integration: Jenkins  Automated Deployment via Jenkins  Automated configuration of JBoss server via Maven/JBoss plugin (CLI scripts) |

1. If the team is/was part of VPS4IT program and what is status as of now?

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| Team is after VPS4IT. We received very high assessment score: 4.5 / 5. |

1. How do you estimate (on average) the availability of the team for DevOps activities? (in %)

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| Involvement may vary depending on the startup and long term perspective.  Between 10% and 30%. |

1. Readiness to start DevOps pilot interviews – when?

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| We can start in May/June |

1. What metrics are currently used by the team?

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| Number of bugs left per release, Number of total bugs per release, Scrum burndown chart / story points burn to followup development progress, Maintenance incidents solution ratio |

1. How do you test the products – manual or automated tests? If automated, what tools are being used?

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| We are moving more and more towards automated tests.  Framework used for that : Selenium + Gebish.  Most of the testing is done manually, though. |

1. What are the main challenges that you see today? What can be improved?

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| SCQ project is very mature and is in many areas we are where we feel we should.  What bothers us is the quality of the HCL service – our supplier and the cost for that service.  In case of any technical issue, majority of cases are solved on the team side instead of the supplier side. Suppliers reactivity if above will happen (technical issue) is below acceptable level. Still, we are paying for the support.  Supplier is not capable of defining the “appointed” deployment procedure. It uses deployment procedure created by the team. Procedure is optimized to delegate all the tasks to the team, while on Production certain minor steps of that procedure are blocked by the supplier (e.g. restart of the server). Still, all the activities are done by the team, and we are paying for the support.  All the planned actions: setup of new environment, upgrades of the system, backup and database restoration is leading in many cases to a set of problems which force both Supplier and the IT team to work on that. Supplier is not capable to deliver that on their own. Again, planning and fixing on the IT team and we do have to pay for the support.  Very limited possibility to introduce new technologies (Graph database, document database) |

1. What are the main dependencies for team’s operations (example: HCL, other teams..).

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| SCQ from infrastructure perspective(Communication, DB’s) have dependencies from HCL.  It has critical integration with Prompt system and many important integrations with others (e.g. authorization – Baldo).  Integration is done in most cases via Queues (MQ, ActiveMQ locally).  Production environments are accessed via SSO common for all Volvo applications. |

1. Any other remarks?

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| Expectations coming from DevOps introduction:   * Less cost * Even better quality of the delivery * Bigger flexibility from infrastructure (e.g. graph DB’s) * Even higher people commitment |