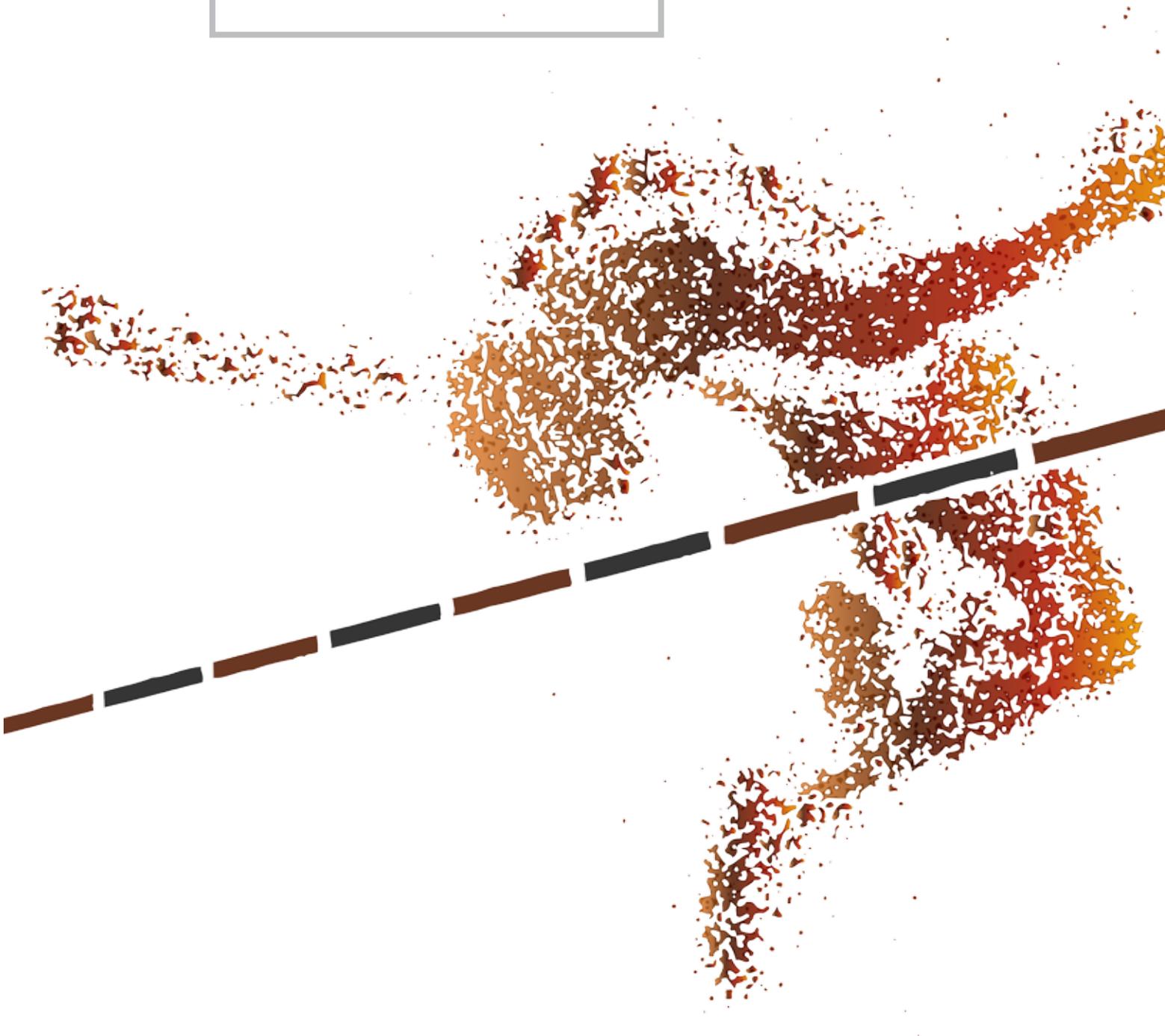# Telecom solutions company

Introduction

Client Overview

Client is a Large IT Services vendor focusing on implementation services for Software in Asia.

Business Verticals

Obtain Management Commitment, Conduct Trainings, Define Project specific Process, Implementation, Agile Assessment, Standardize Agile WoW Process and Institutionalize

Business Motivation/ Challenge to go Agile

The company faced the following challenges:

- New domain and technology
- Want of frequent releases
- Demanding timelines and schedules

Activities

1

Secured management sponsorship for Agile to be used

The management agreed to using all Agile principles in changing and improving the way the company worked.

2

Conducted Scrum Workshops

To imbibe an understanding of how the principles of Scrum work, workshops were conducted for the employees to get a view of the subject.

3

Aligned the Agile way of working to organisation product milestone

The current working of the organization was put in sync with Agile principles and employees were taught on how to use these principles in their daily work.

4

Customized the agile processes specific to the project needs

Each principle of Agile was suited to different needs of each department and project. An in-depth analysis was done to see which principle and process could be applied where for maximum results.

5

Identified ScrumMaster, Product Owner & Scrum team

Identified the roles that had to be played by each one of them and the responsibilities they had to undertake within the Agile management

6

Rolled out Target Process tool for Scrum Project Management

7

Finalized on Definition of Done for each phase and created the Product backlog

The definitions were changed and backlogs for each product was estimated again. New numbers were created based on these

8

Monitoring and mentoring during each activity of the sprint or product development

9

Conducted agile assessment at project closure

10

Demonstrated the benefits achieved due to Agile WoW

11

Standardized the Agile WoW Process

12

Rolled it out in all projects of the Program

Realized Benefits

Time to market improved by

35%

Product quality of features improved

>22%

in later sprint

Roadmap and Approach

1. Architecture Phase

The objective of this phase is to do a study of the existing architecture and arrive at the choice of solution. The team did the following activities:

- **Documented and reviewed architecture specification** - The roles and departments, the structure of the company and the working, the processes used, etc.
- Create UML diagrams which will display how the API interfaces work together
- Raise CRs to track the API implementation
- Create prioritized granular User Stories in Product Backlog in Target Process
- Estimate each user story using planning poker technique to derive the sprint velocity

2. Development Phase

To "Design – Develop – Module Test – Rework" within each sprint which will be of 2 weeks time box

- Module Tested API Interfaces
- Interface Specification Document
- Module Test coverage report

3. Integration Phase

- To Build – Integrate – Test – Rework within each sprint which will be of 2 weeks time box
- Fully functional API Interfaces

Change Management

Benefits/Value Delivered

The choice of the solution finalized – Architecture was frozen with our efforts and practices. The company then got a fixed architecture to work within. Roles were defined, processes were finalized and the functioning was improved as per the agile principles

A fully functional (unit tested) API with code coverage of 100%

100% legacy conformance and performance test cases passed

S6 milestone checkpoints achieved

S7.1 milestone checkpoints achieved

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