2024-Autonomous Networks Project Charter

1. Project Information

* indicates that this field is required

Project Name*	Autonomous Networks
IPR Mode*	RAND ⓘ Explanations of each mode is available at http://www.tmforum.org/IPRPolicy/11525/home.html
Type of Project*	Development Project
Strategic Program	Autonomous Operations
Previous Project Charter	2023-Autonomous Networks Project Charter
Project Workspace Link	Autonomous Networks Project Home
Project JIRA Link	See Section 4 below
Project Sponsor	N/A
Project Team Chairs	Dong Sun - Futurewei Technologies Inc. Kevin McDonnell - Huawei Technologies Co. Ltd Jörg Niemoller - Ericsson Inc. Yuval Stein - Amdocs guangying zheng - Huawei Technologies Co. Ltd Fernando Camacho - Huawei Technologies Co. Ltd Pedro Garcia Parra - Telefónica
TM Forum Staff Support	Aaron Boasman-Patel - VP, AI and Customer Experience, Product & Portfolio Management Alan Pope - Project Director Dave Milham - Chief Architect Dmytro Gassanov - Network Architect

2. Project Overview / Executive Summary

Mission	The Autonomous Networks Project aims to define fully automated zero wait, zero touch, zero trouble innovative network/ICT services for vertical industries' users and consumers, supporting self-configuration, self-healing, self-optimizing and self-evolving telecom network infrastructures for telecom internal users: planning, service/marketing, operations and management. AN incorporate a simplified network architecture, autonomous domains and automated intelligent business/network operations for the closed-loop control of digital business, offering the best-possible user experience, full lifecycle operations automation/autonomy and maximum resource utilization.

Value	Autonomous Networks (AN) powered alongside other technologies such as AI, big data, cloud and edge computing will make services quicker, cheaper and simpler to deploy and manage. Service providers will also be able to unlock over $700 billion of new revenues from industrial 5G and B2B2x opportunities that require automation to manage the billions of devices connected to the internet as well as deliver on the ultra-low latency and high reliability many 5G use cases require. AN will also enable CSPs to deliver a "Zero X" (zero wait, zero touch, zero trouble) experience deliver simplicity to the users and leave complexity with the providers.
Strategy	Enable CSPs to deploy autonomous networks so that they can achieve zero-touch operations. • Define Intent and add to the information framework • Develop a suite of APIs (Intent & Closed Loop Management) • Create Intent use cases and examples • Publish the Closed Loop Management Guide • Develop the Autonomous Networks Levels Evaluation Tool (ANLET) and methodology

3. Participants

This section identifies the project team members.

* indicates that this is a required field or role.

Role	Name*	Company*	Confluence "@" mention	Comments
Project Chairs*	Dong Sun	Futurewei Technologies Inc.	Dong Sun	AN Business Architecture
	Kevin McDonnell	Huawei Technologies Co. Ltd	Kevin McDonnell	AN Techincal Architecture
	Jörg Niemöller	Ericsson Inc.	Jörg Niemoller	AN Techincal Architecture
	Yuval Stein	Amdocs	Yuval Stein	AN Techincal Architecture
	Guangying Zheng	Huawei Technologies Co. Ltd	guangying zheng	AN Generative AI
	Fernando Camacho	Huawei Technologies Co. Ltd	Fernando Camacho	AN Levels Evaluation
	Pedro Garcia Parra	Telefónica	Pedro Garcia Parra	AN Levels Evaluation
Project Director	Alan Pope	TM Forum	Alan Pope	
Subject Matter Expert	Dave Milham	TM Forum	Dave Milham	
Subject Matter Expert	Dmytro Gassanov	TM Forum	Dmytro Gassanov	

4. Project Workstreams and Deliverables

The project workstreams and deliverables for this project are introduced in the sections below.

Sprint 2024-1

key	type	summary	customfield_12926	assignee	status

⚠️ Jira project doesn't exist or you don't have permission to view it.

View these issues in Jira

Sprint 2024-2

key	type	summary	customfield_12926	assignee	status

⚠ Jira project doesn't exist or you don't have permission to view it.

View these issues in Jira

Sprint 2024-3

Sprint 2024-4

Sprint 2024-5

Sprint 2024-6

5. Project Backlog

key	type	summary	customfield_12926	updated	assignee	status

⚠ Jira project doesn't exist or you don't have permission to view it.

View these issues in Jira

6. Legal Notice