

AGL NAVI-EG Kick-Off



May 8, 2019

Self introduction



NAVI-EG Leader



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**Business Planning Divison,
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Other members from Micware



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**Executive Officer
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Yoshiyuki Miki

**Advisor
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Micware Corp.**

Motivation of NAVI-EG (remind)

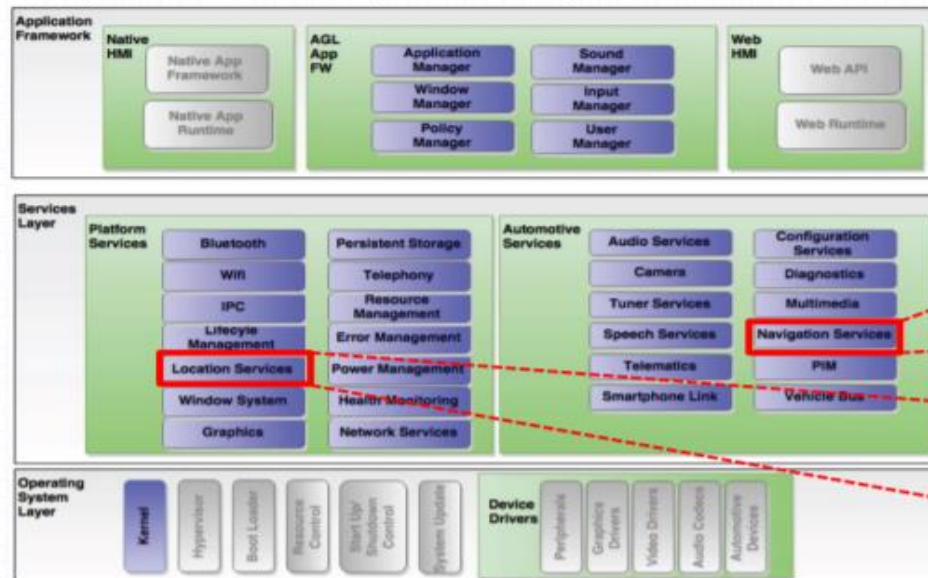
Motivation of Navi-EG

AISIN AW CO. LTD.

Purpose of the Navi-Expert Group

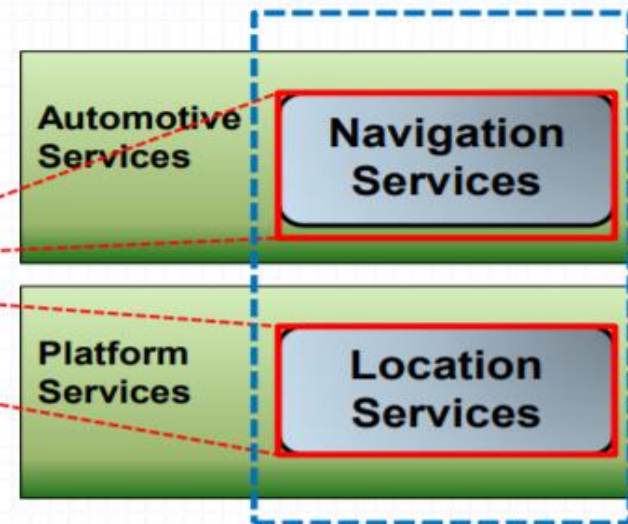
Maintain Native/Web App FW API to ease development of applications using Navigation feature.

Scope of Navi-Expert Group :



AGL architecture from ALS2016 Walt's presentation

Scope of Services



※2016/09/08 Navi EG kickoff 資料参照

NAVI-EG Goal (remind)

AGL Apps.

Navi Application

POI Application

AGL Defined API

GENIVI-API

Extended by NAVI-EG

AGL Navigation API

Vendor Extended API

AGL Compliant Navi engine

OSS Navi
(GPS-navi)

Selectable

Product Navi

AGL Device API

Devices/Middleware

(1) AGL provides common Navi API.

(2) AGL scalability should be allowed as long as compatibility allows

(3) AGL provides P/F which allows to select OSS or Product Navi

(4) AGL provides P/F which allows to select OSS or Product Navi

lessons and learned last year

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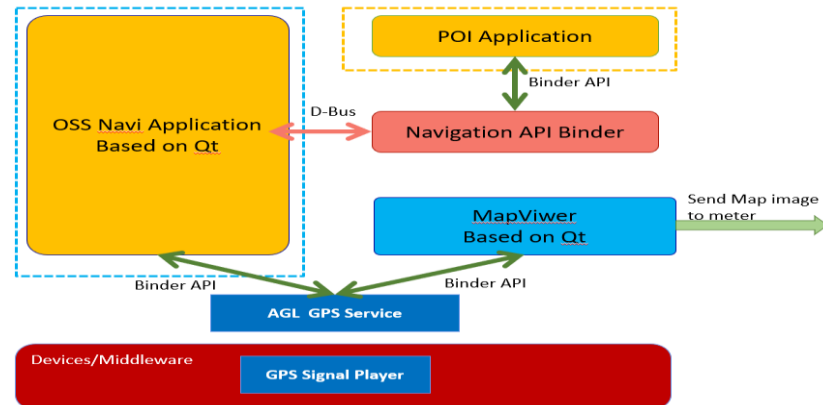
➤ Development of OSS-Navi(MapBox)

-> (Issue)

Aisin AW said that they tried to implement the OSS-Navi based on GENIVI-API.

Conclusion is as follows

- . it was NOT easy to develop it by using the API
- . We have NOT reached to define the NAVI API



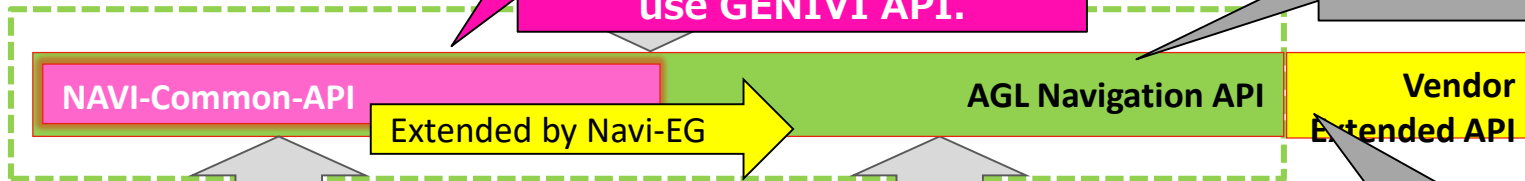
(NEW) NAVI-EG Goal

AGL Apps.



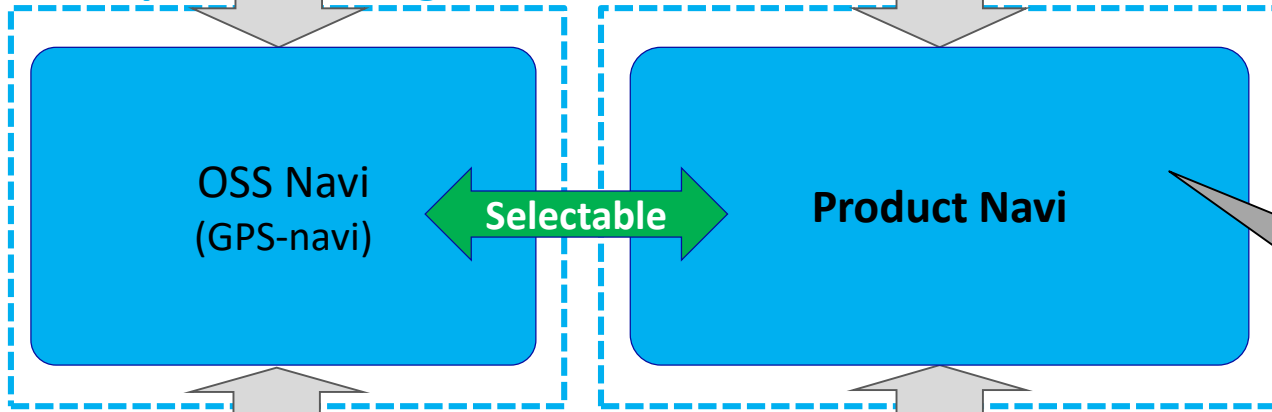
NEW
 We decided to re-define the API (Common-API) for easy to use and NOT to use GENIVI API.

AGL Defined API



(1) AGL provides common Navi API.

AGL Compliant Navi engine



(2) AGL scalability should be allowed as long as compatibility allows

(3) AGL provides P/F which allows to select OSS or Product Navi



(4) AGL provides P/F which allows to select OSS or Product Navi



Action plan from now on

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➤ STEP1 (This year)

① Make the Product Navi (based on micware Navi)

-Make “Hybrid Navi” which is operating on server side and local machine.

➤ STEP2 (Next year or later)

① Make the API specification document for above output.

For development fee, its T.B.D

➤ Development plan

	2019年									2020年			2020年									2021年		
	4月	5月	6月	7月	8月	9月	10月	11月	12月	1月	2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	1月	2月	3月
Milestone							★ AMM				★ AMM								★ AMM				★ AMM	
Prototyping the Navigator (for CES)			→ Develop the product Navi (based on micware Navigator)																					
Define the AGL API													→ Refine the API									→ Write down the API spec translate to English		