

Explanation : 70 mins
Q&A : 45 mins

Honda VMC

Supplier Collaboration project – Phase 2

Please wait a little while until the event starts.

Please turn-off camera and microphone.

※Please enter: "Company name + First name" in chat.

2024.10.28

Asian Honda Co., Ltd. (ASH)
Honda R&D Asia Pacific Co., Ltd. (HRAP)

Agenda

Explanation : 70 mins
Q&A : 45 mins

No.	Item	Time (Minutes)	Presenter
1	Opening speech <ul style="list-style-type: none"> ▪ Today's purpose 	5	HRAP Funakoshi SMG
2	Outline of Honda initiatives <ul style="list-style-type: none"> ▪ Evolution of Honda's development-process and key measures Business Partner Collaboration Initiatives <ul style="list-style-type: none"> ▪ Vision for Joint Creation with Business Partners ▪ Collaboration environment evolution 	20	HRAP CIS Attawit
3	Environment cost and system configuration Administrative Procedures for Starting Use of the environment	20	ASH IT Aikawa
4	Methods for Applying CATIA V6 Practices Deployment plan	20	HRAP Funakoshi SMG
5	Summary	5	ASH IT Aikawa
6	Q&A	45	ASH/HRAP/HM ALL
7	Closing speech	5	HRAP Funakoshi SMG

Main purpose of this day

Thank you for taking time out of your busy schedule to attend the information session today.

As part of our manufacturing DX, we have worked with our business partners to develop a strong manufacturing structure.

We are making improvements to issues such as mistakes in information that have been returned, requirements and requirements that have been mismatched prior to the drawing.

In particular, for direct data sharing in CATIA V6 cloud environments, and for digital-based schedule matching and problem matching

Prompting the process construction is important in achieving operational efficiency improvements.

Today, we will explain how to collaborate with our design using the Digital Collaboration Environment, and the necessary administrative procedures for use.

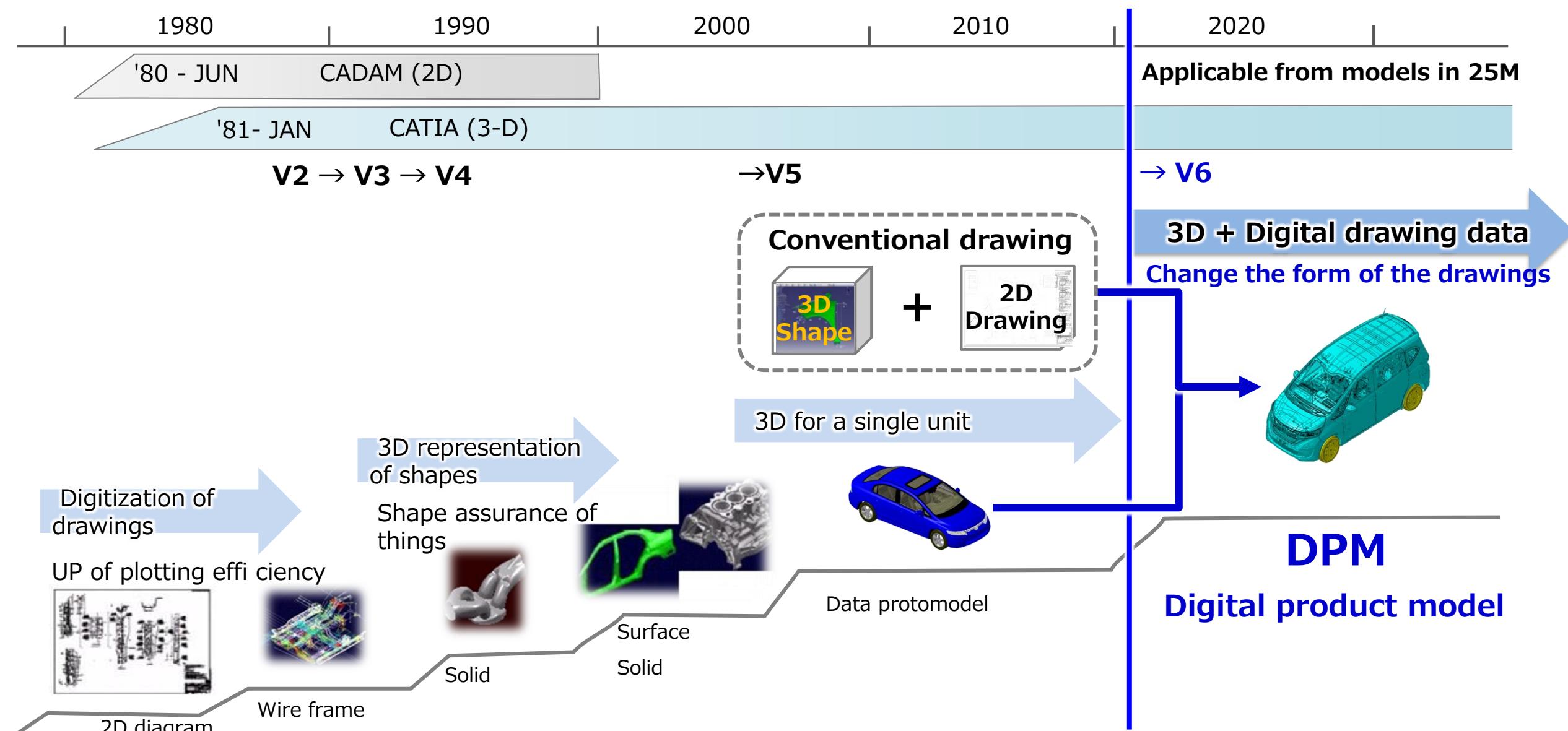
We plan to begin using CATIA V6 and Digital Collaboration Environment in HRAP around September 2025. For each supplier, please accept CATIA V6 drawings and prepare for delivery.

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Evolution of IT Tools: Introduction of CATIA V6



Drawing form and CAD software are greatly evolving, and it is in the stage of full digital utilization.

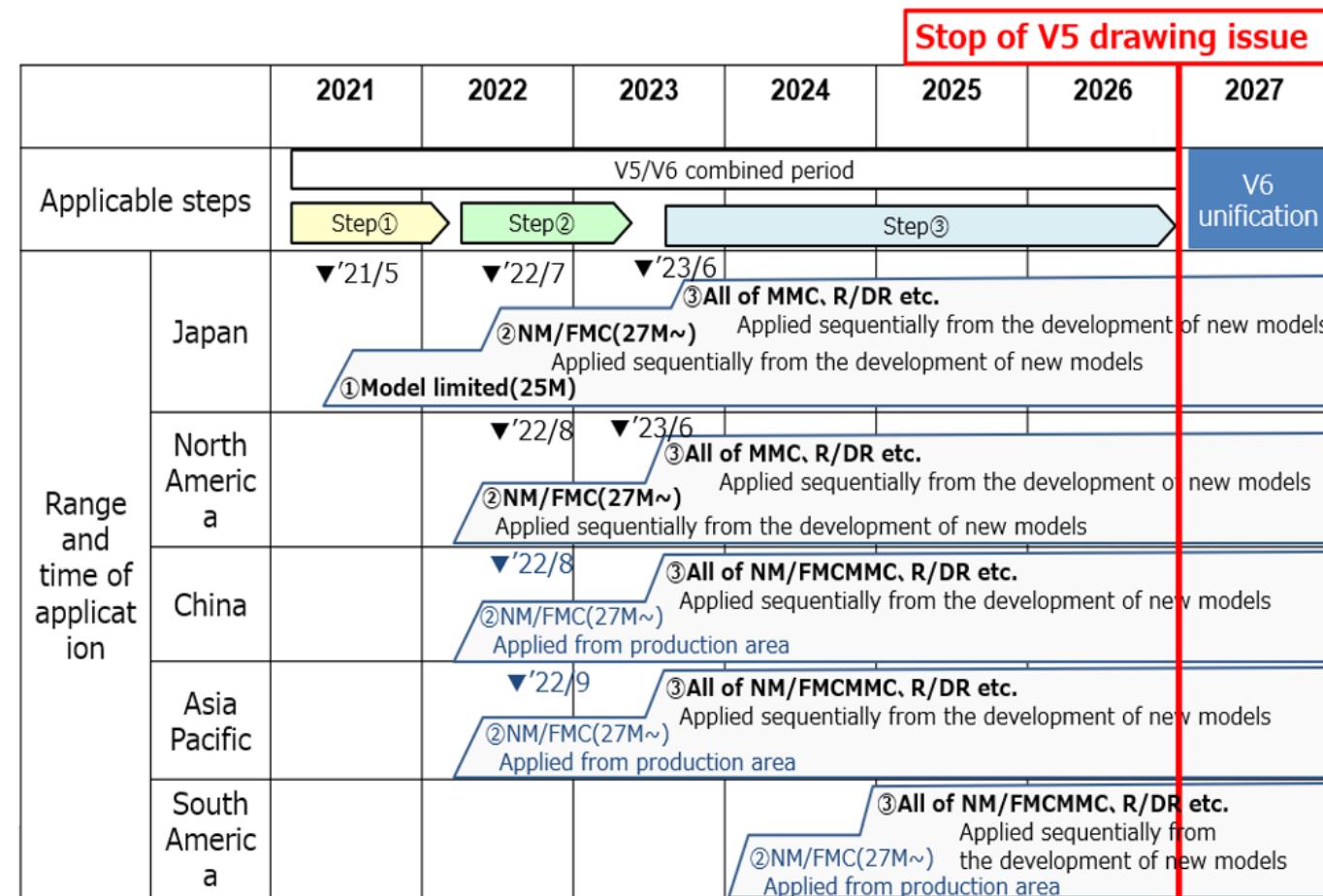
CAD News Issue

CAD NEWS which was issued on April 29, 2022.

<CATIA V6 Applicable Steps>

Applicable Steps	Step 1	Step 2	Step 3
	Introduction Phase	Expansion Phase	All applicable Phase
Start timing	Since May, 2021	Since July, 2022	Since June, 2023
Range of Application	Applied to 25M domestic development models only	Applied sequentially from NM/FMC development models from 27M onward	Applied sequentially from newly developed models such as MMC-developed and R/DR-developed models
Honda drawing	Limited application to shed parts	All application	All application
Maker drawing	Limited application to 9 companies	Sequential application	All application

<CATIA V6 Application Roadmap>



Apply CATIA V6 from 28.5M FMC starting in September 2024.

HONDA's Direction

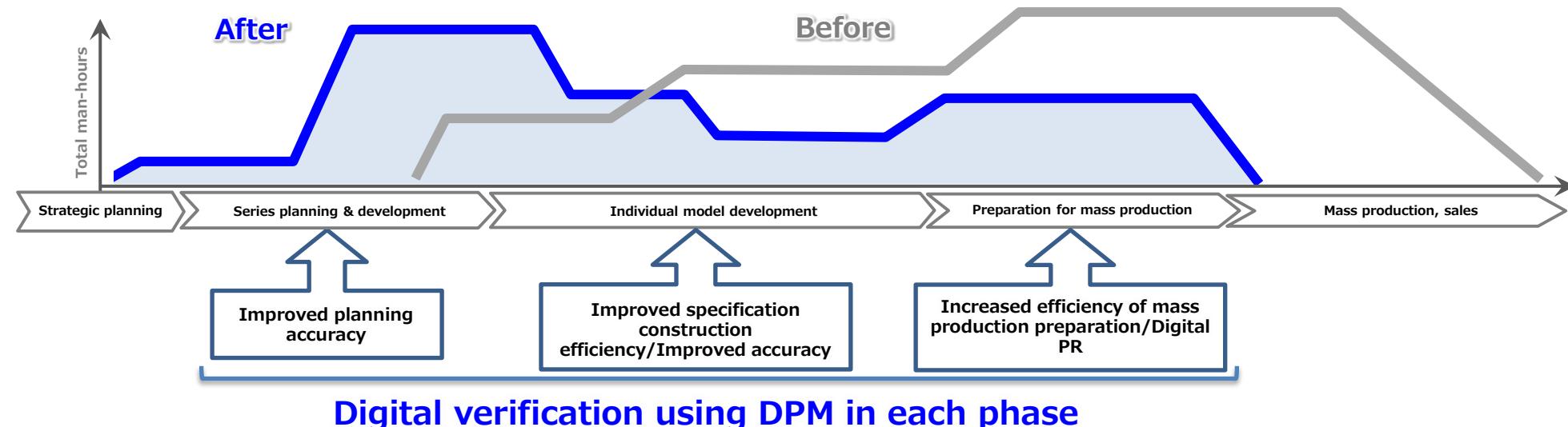
Honda has set new environmental & safety goals for 2025.

- Carbon neutral thru all Honda product and company activities
- Zero death caused by Honda motorcycle/automobile accident

To achieve these, Honda will focus on environment and safety.

Honda will continue to "solidify the existing business", which is the foundation for meeting our goals.

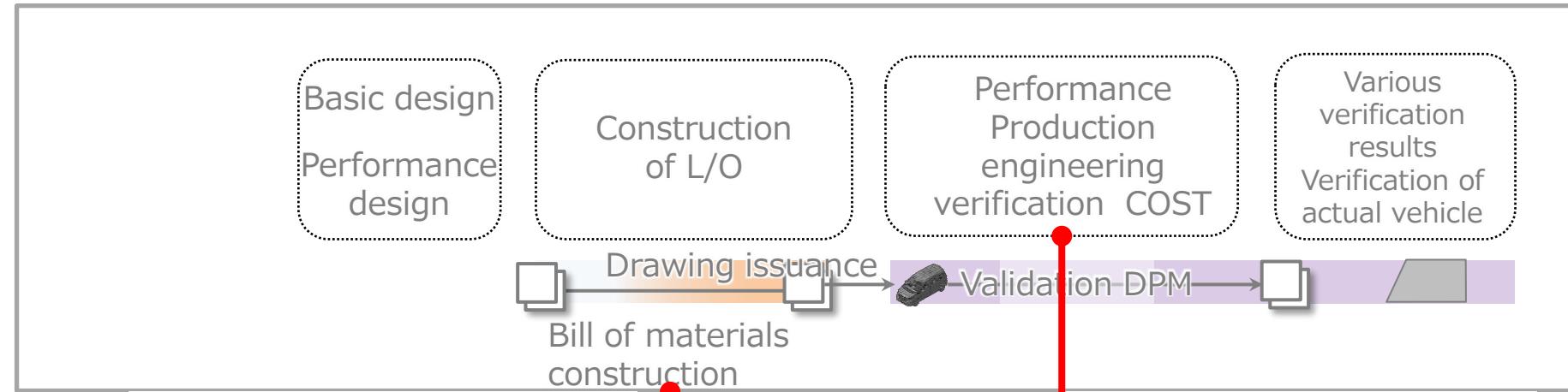
For automobile development, we have introduced a new series development flow which will allow Honda to increase parts commonality/usage for longer period. Through the execution of digital parts maturation and continuous manufacturability verification & collaboration, errors which cause rework for design can be eliminated and efficiency improved. Mass production quality can be guaranteed prior to drawing issue.



Achieve strong "Monozukuri" thru supplier digital collaboration in DPM-centric environment.

Evolution of Honda's development-process

As is
Process



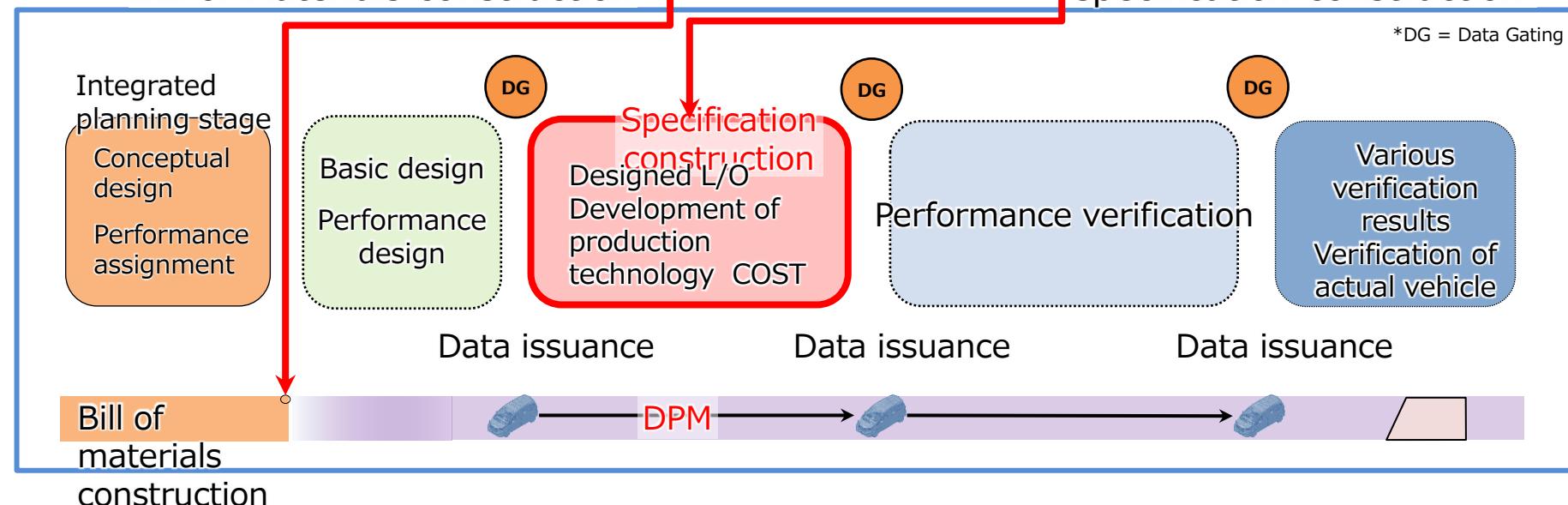
Point ①

Acceleration of
Bill of Materials construction

Point ②

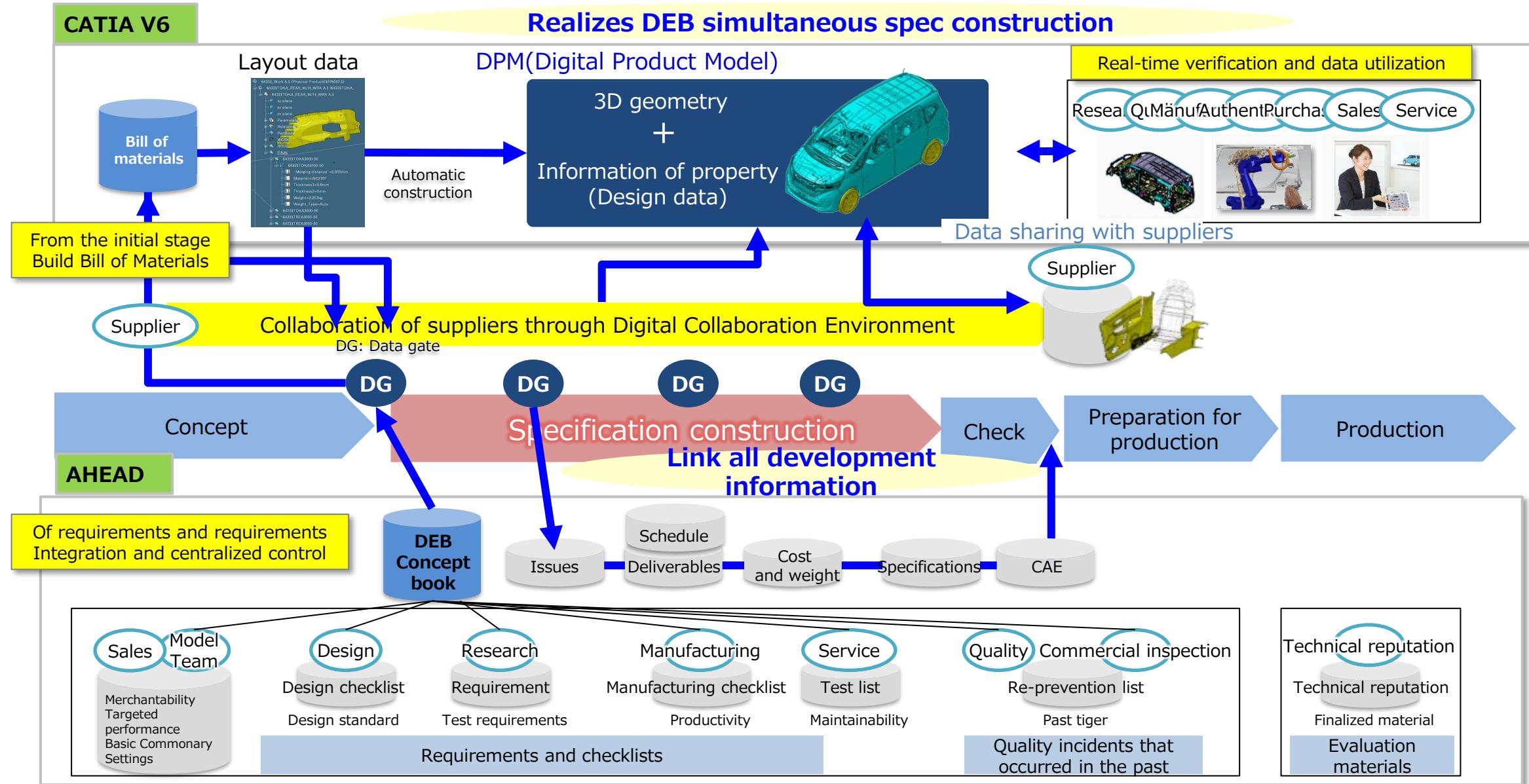
Acceleration of
specification construction

NEW
Process



Our goal is to evolve from a verification system after drawing to an early specification-building process centered on DPM.

Key Measures to Realize DPM-Centric Development Style



Measure ①: DPM automatic construction

→ Quickly create data to be presented to suppliers without omission

Measure ②: Evolution of DWG

→ Improvement of accuracy and efficiency when utilizing information

Measure ③: Distributed data and evolution of data flow

→ Reduction of data conversion man-hours and support for various systems/format

Measure ④: Collaboration environment evolution

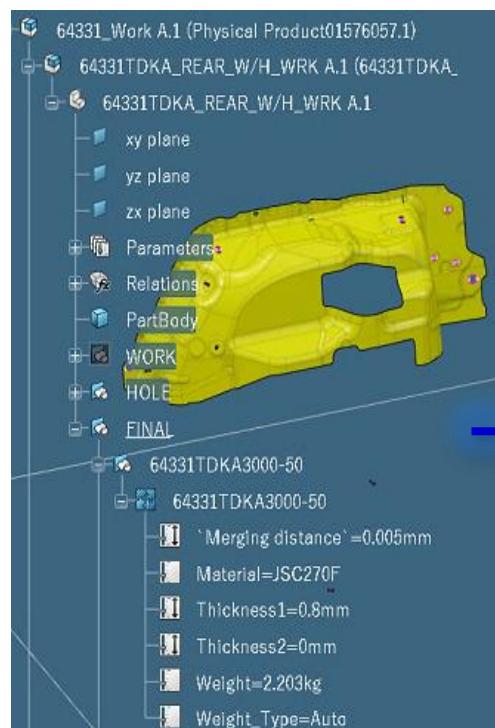
→ Efficient data sharing with suppliers and visualization of exchange history

Measure ①: DPM Automatic Construction

Current concern

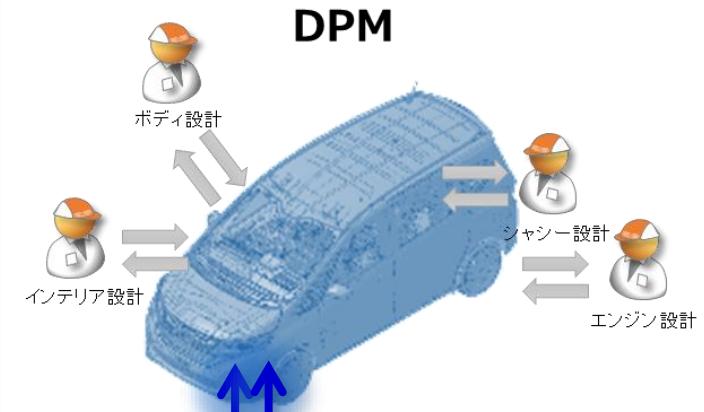
- ◆ DPM is not delivered until after drawing is issued.
- ◆ Cannot check Layout data in timely manner.
- ◆ Due to DPM verification delays, data has to be reworked.

Solution



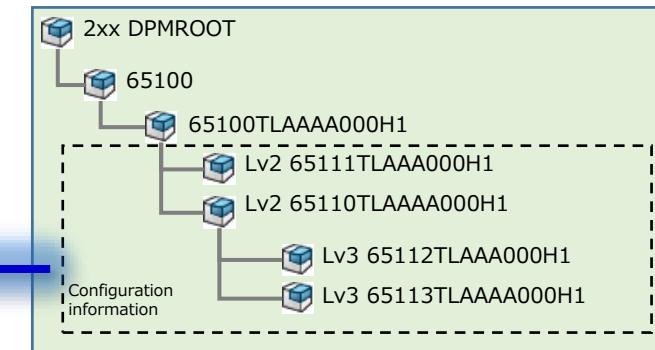
Layout data (3D)

Area where DPM will be "automatically built" and referenced.



SAVE

Automatic



BOM (Bill of Materials)

DPM will be automatically constructed from layout data and BOM and data presented to suppliers can be gathered quickly without exception.

Measure ②: Evolution of DWG

Current concern

- ◆ Modeling and drawing rules are different depending on the regions, functional group and PIC.
- ◆ It takes time to understand the intention of the previous PIC when reusing.
- ◆ It takes time to inspect the drawing.

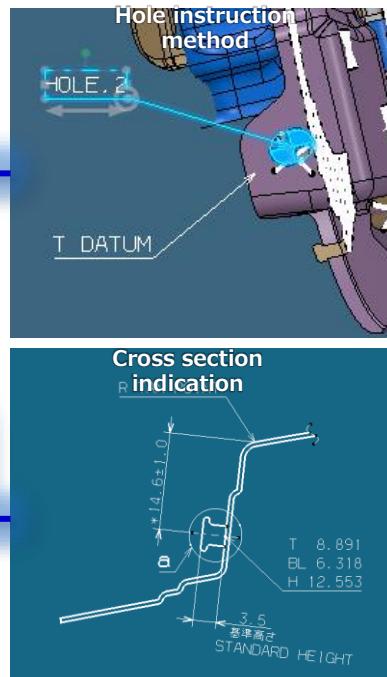
Solution

Standardize and set the rule for the storage destination of DWG information.



- .. Hole information
- .. Tolerance information
- .. Cross section information
- Standard Parts
- .. Combine information

Unified DWG instruction method



"New DWG"

No.	Part No.	Name	QTY	MATERIAL	Color Mark	Color	Q	Attach	Remarks	DWG	SP	M.DWG.No.
1	6001-TVA-A000-H	FRAME FR FRAME	1							0	0	
2	6002-TVA-A000-H	BACO ZTE FR SIDE	1							0	0	
3	6003-TVA-A000-H	OUTRIGGER FR SIDE	1							0	0	
4	6004-TVA-A000-H	FUS R/R BUMPER OUTN LWR	1							0	0	
5	6005-TVA-A000-H	FUS R/R BUMPER OUTN RTR	1							0	0	
6	6006-TVA-A000-H	FR SUPPORT BEAM EXTN	1							0	0	
7	6007-TVA-A000-H	BRKT FR SUSPEN FR	1							0	0	
8	6008-TVA-A000-H	PLATE FR SUSPEN FR	1							0	0	

Working standard

Weld plate assembly table

Digitization of attribute information improves accuracy and efficiency when checking DWG and utilizing information.

Measure ③: Distribution Data and Evolution of Data Flow

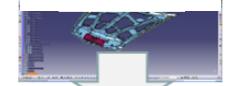
Current concern

- ◆ Data is only available in CATIA.
- ◆ CATIA data needs to be converted each time it is delivered.
- ◆ Data volume is too heavy, so it is difficult to handle. Data delivery is also inefficient.

Solution

Honda/Supplier
(DPM creation/issue)

3D Attribute



DPM Issue



Management Info

DWG issue

Deliver in standard format

PDF

Storage Information

Delivery data package

File Name: PN+Part Name+Rev.
#.extension

12345XXXXA010M1_BRKT_TTTAF0001.hpdf

JT

3D shape

-3D Shape

-Section/View

-3D attribute

(Parameter/elements)

12345XXXXA010M1_BRKT_TTTAF0001.jt

XML

Attribute info

-3D structure

-STEP242 Std Attr

(Materials/positioning)

12345XXXXA010M1_BRKT_TTTAF0001.stpx

XML

Attribute info

-Attribute out of

STEP242 Standard

(Honda exclusive info)

12345XXXXA010M1_BRKT_TTTAF0001.xml

TIFF

Other Image info

-Notes column

-Illustration

-Surface treatment

12345XXXXA010M1_BRKT_TTTAF0001.tiff

PDF

Change point info

12345XXXXA010M1_BRKT_TTTAF0001.pdf



3DEXperience data 12345XXXXA010M1_BRKT_TTTAF0001.3Dxml

Released July

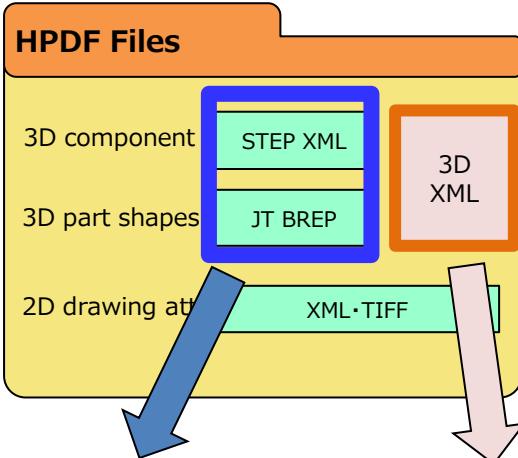
JT data

Native 3DX data

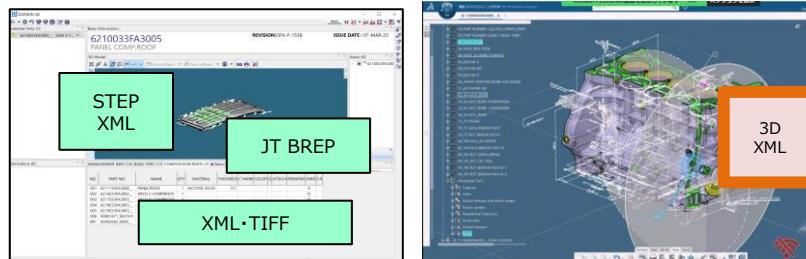
The standard format conforming to international standards reduces data conversion man-hours and can be used directly with various tools of suppliers.

Changes in Drawing Format

3DXML formalization (2/19 ~)
Positive: 3dxml+XML+TIFF
Positive: JT BREP+XML+TIFF

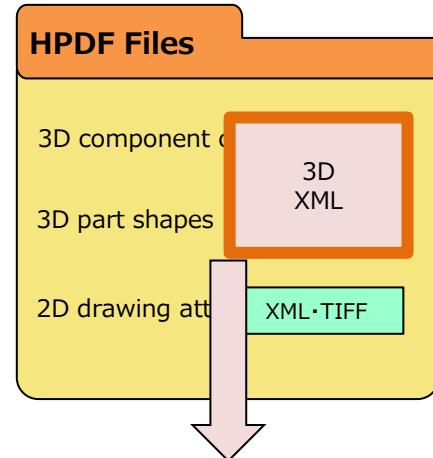


Shape confirmation data
DARWIN Viewer

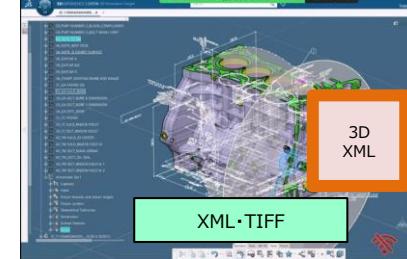


Add 3DXML/CATIA Viewer
JT/DARWIN continues

3DXML unification JT halted (from Oct. 7)
Positive: 3dxml+XML+TIFF

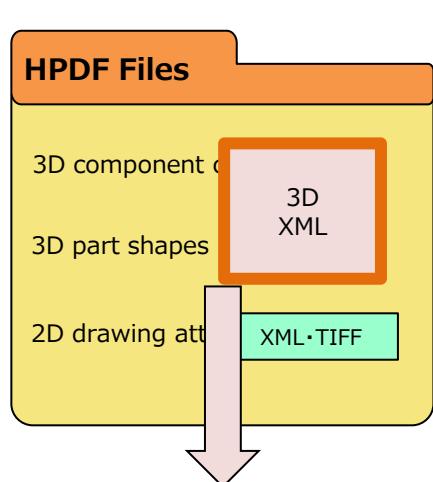


Design data
CATIA Viewer



Formally, 3DXML, JT responds to requests
Sending data separately

JT full stop ('25/1~)
Positive: 3dxml+XML+TIFF



Design data
CATIA Viewer



Officially 3DXML/CATIA Viewer
Unification

※Please check the previously issued drawings in JT/DARWIN.

Measure ④: Collaboration Environment Evolution

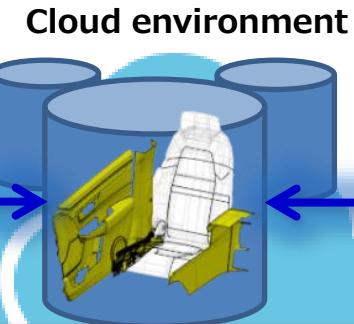
Current concern

- ◆ Late sharing of L / O and surrounding parts to suppliers
- ◆ It is unclear whether the presented data is up to date.
- ◆ Rework occurs by referring to old data.
- ◆ Man-hours for data sharing and transmission / reception are large.
- ◆ No history of exchanges remains.

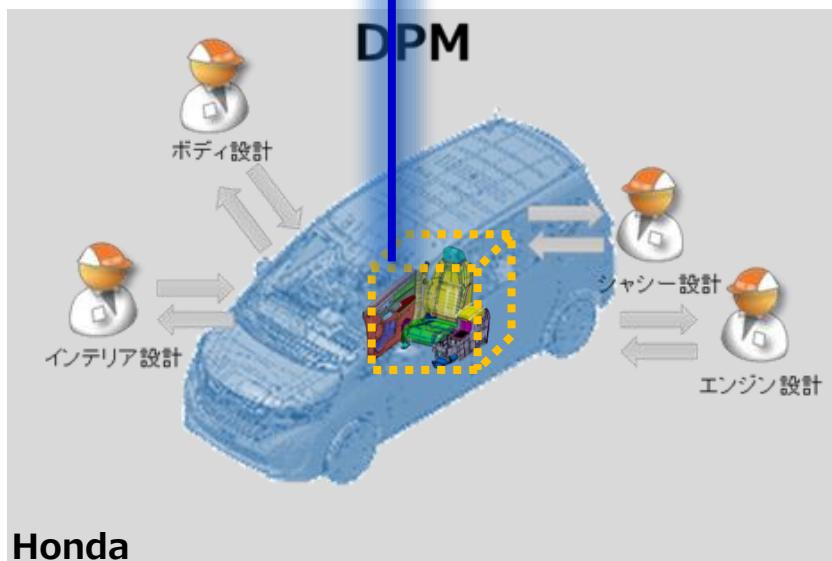
Solution

Collaboration space

- Store the latest data
- Manage history
- Set for each supplier



Direct access



Direct access makes sharing the latest product data much faster, and history management reduces rework.

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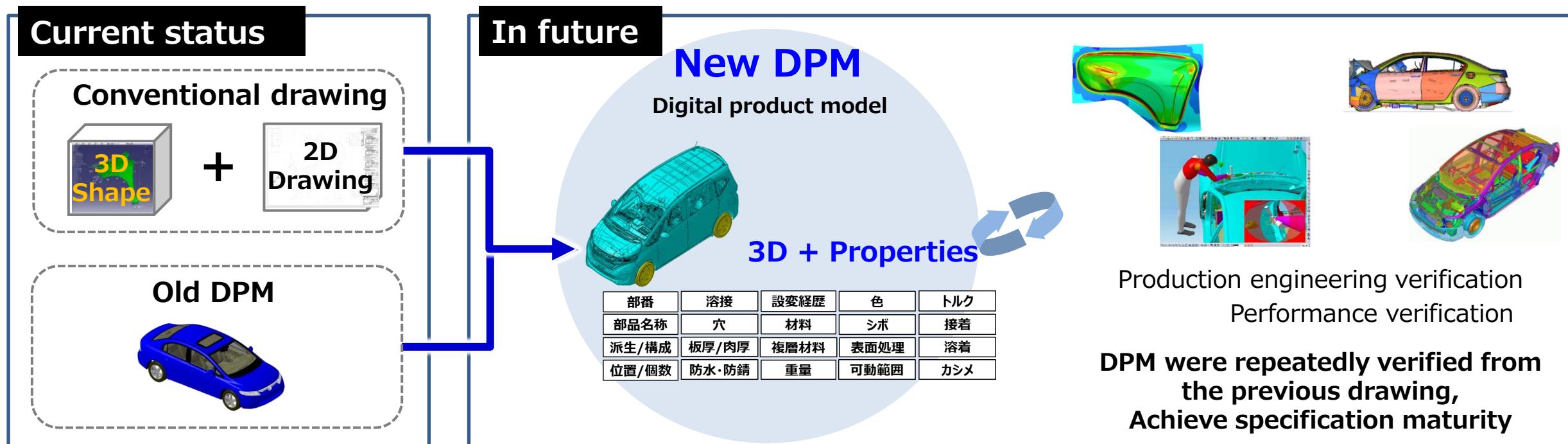
Vision for Joint Creation with Business Partners

At present, the main issues in collaboration with business partners are

- Delay in reflection of supplier skills
- Rework due to inadequate sharing of information, such as reference to old surrounding data
- Waste man-hours such as information copying and repeated input

We believe that improvement is indispensable.

To solve this problem, we have developed a new DPM that digitizes the drawing data, and have developed and verified the product with our suppliers. We will do this efficiently.



We will solve conventional problems by building a new DPM that digitizes the drawing data.

Supplier Digital Collaboration Environment - Benefit

Strong manufacturing taishitsu without rework



① Information sharing accuracy + speed improvement

- For early specification maturation, from the L / O stage efficiently build DPM and share quickly.
- Development information (schedule / concern)
Can be shared accurately and quickly.

② Improvement of work efficiency for design PIC

- Eliminates the double work of DPM construction and drawing.
- Workload before DWG issue can be distributed.
- With new DPM / standard format, improve convenience of data utilization at downstream data post-process.

③ Supports remote work style

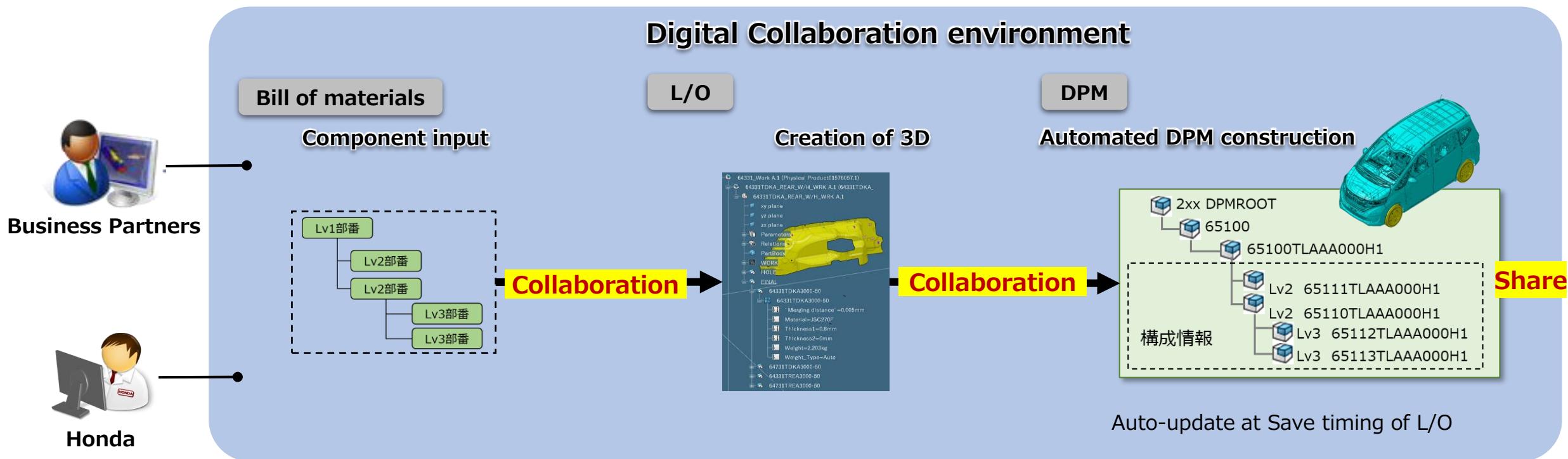
- Compatible with Honda development
Using the same method and rules regardless of region or country.
- No work location restrictions.
- Creating time by reducing travel.
- Reduction in business trip expenses (stay expenses, transportation expenses, miscellaneous expenses).

We aim to maximize the benefits by having our suppliers use this digital collaboration environment widely.

① Accuracy and speed of information sharing

[High-speed sharing of 3D by DPM auto-build function]

Component information entered in the Digital Collaboration Environment is linked to L/O data, and shared data can be created at high speed by DPM auto-build function that creates DPM data from L/O data.



Achieve quick sharing of 3D data using a Digital Collaboration Environment

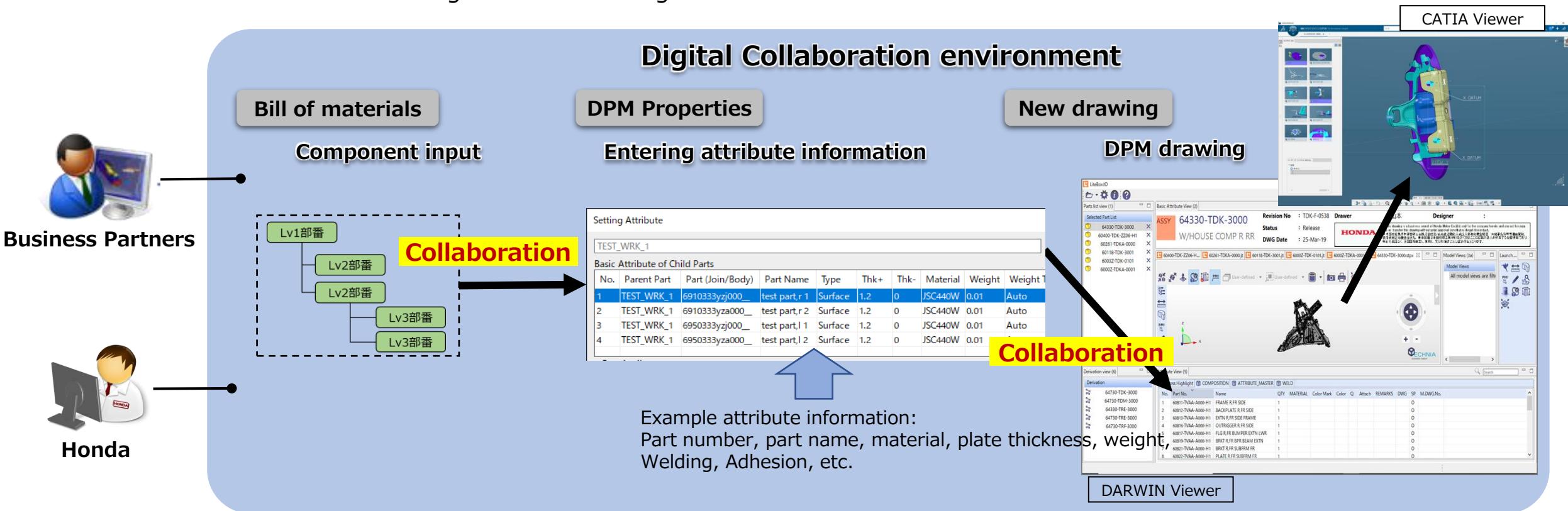
② Improvement of work efficiency for designers

[Produce efficient DPM and drawings by digitizing attribution data]

- The "box" for attribute input is automatically created from the component information entered in the digital Collaboration environment.

Input the attributes sequentially according to the specification decision.

- You can use this information to generate a drawing.



Use Digital Collaboration to enter properties to build and plot DPM efficiently

③ Supporting Remote Work Styles

Current

Supplier
V5

3D and DWG double work
Clerical errors and changes



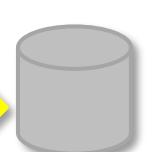
Send and receive

Environment: GSN

Sending/receiving time
is too long

FR seat all variations
 $\Rightarrow 4$ hours

Send and receive



Honda (R&D)

V5
CAD data



Data loss
Repeatedly
resending data

Information sharing does not go well, inefficiency and wasteful work occur, and changes occur due to omissions of necessary requirements.

Future

Development that eliminates
waste and prevents rework

V5



No double work

Eliminate waste



V6

Prevent rework

**Cloud collaboration
environment**

V5

V6

Import

Export

DPM is always the latest 3D
 \Rightarrow Verification and feedback
implementation

Sync

CAD data

Honda - Supplier
TLAA
SEA
Reference
Send
CADDATA
Docs
Receive
DO/A

V6



Data and history remain
and can be retrieved

V6



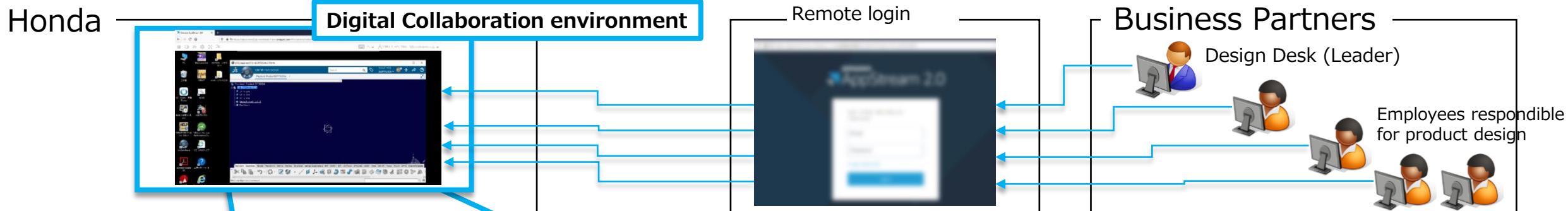
Confirmation/OK level for
verification items at the event

You can access the collaboration environment on the cloud in-house, share CAD data,
Development information and perform data construction work.

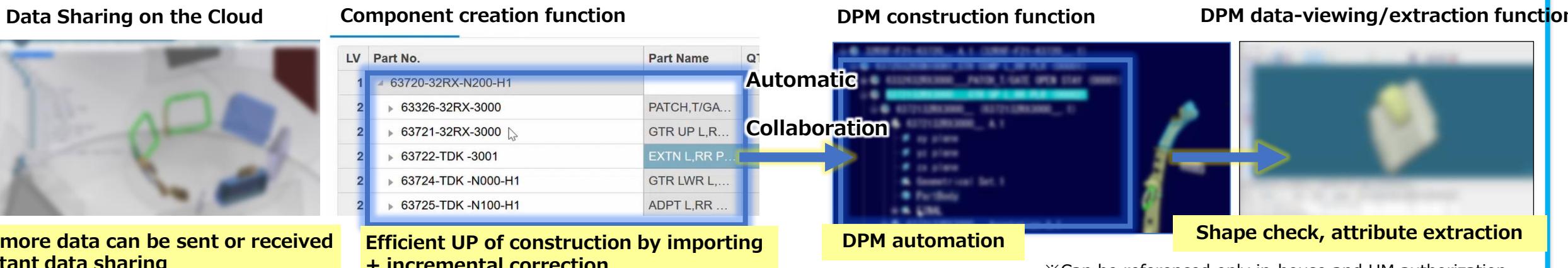
Viewpoint of digital collaboration environment and effect confirmation

Digital Collaboration environment:

Environment in which business partner designers co-create with Honda on the cloud while still in their own offices

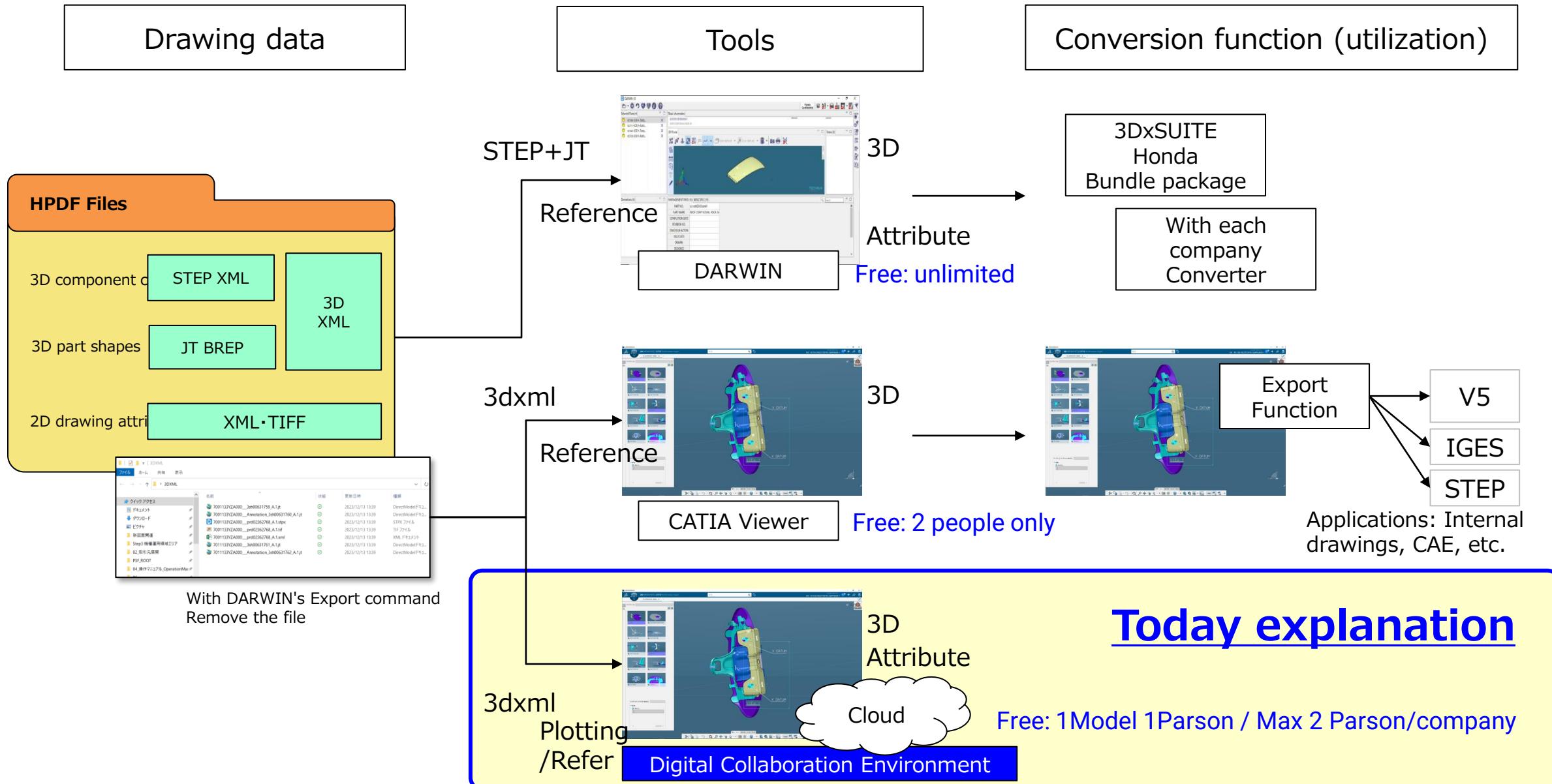


Example of In-house Tools for Efficient Development



Experiment with business partners using in-house Honda tools to improve development efficiency.
Then, lead to study of collaboration process.

Outline of drawing delivery formats and new Viewer



Agenda

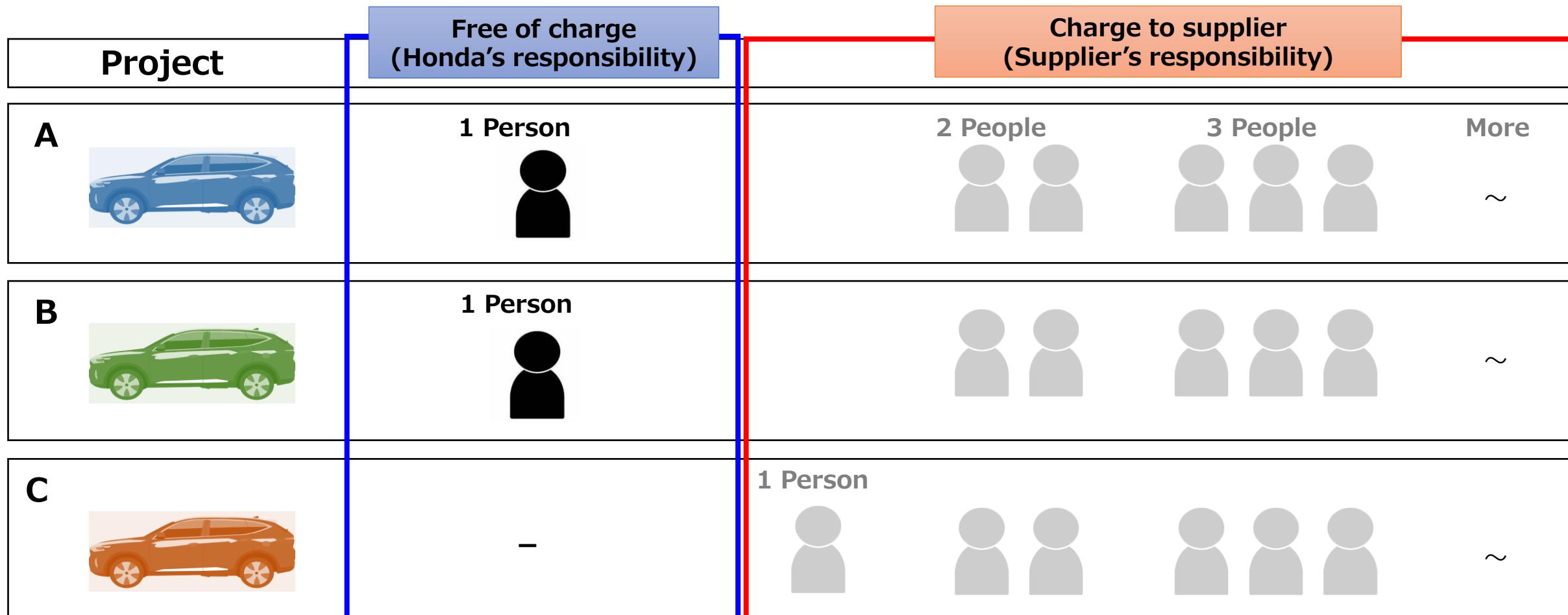
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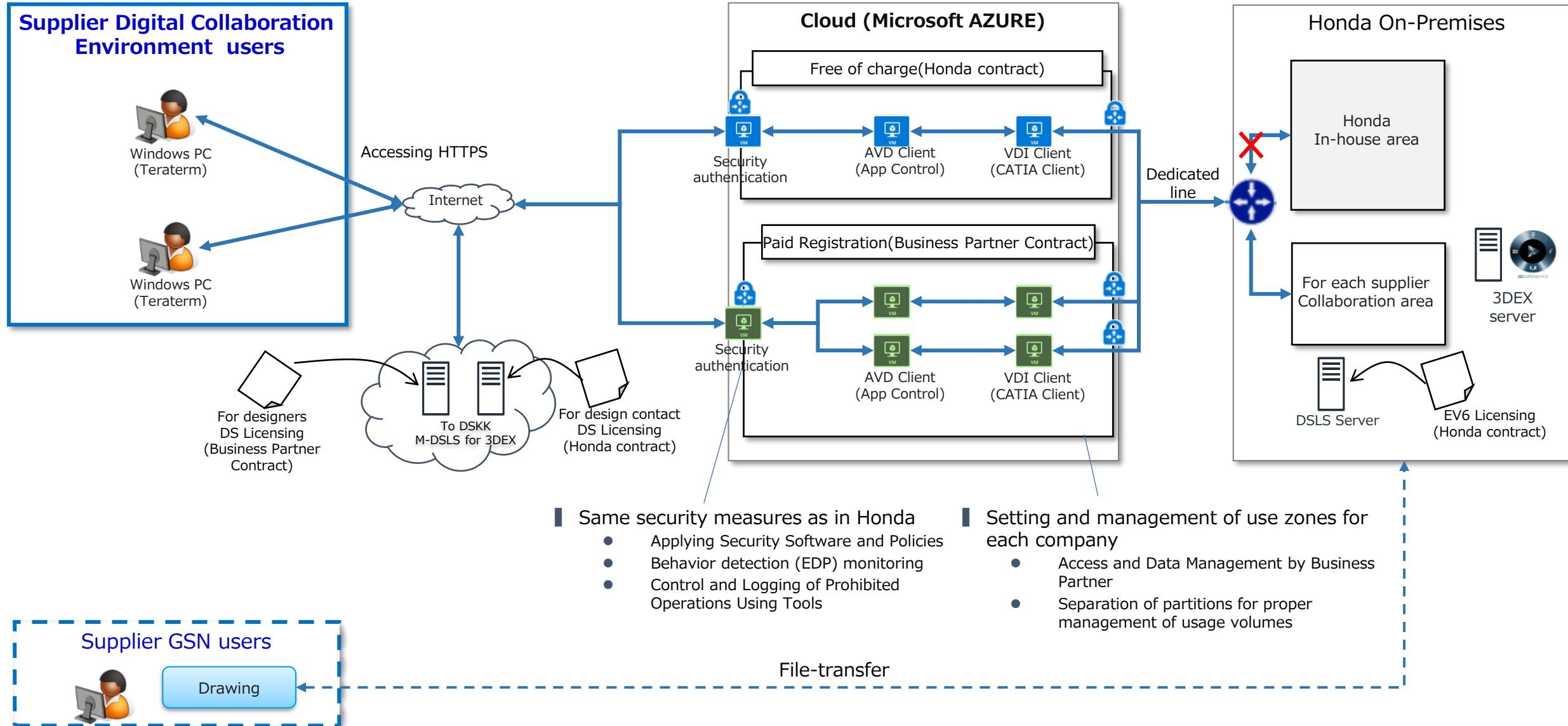
Environment cost (free/charged) rules

■ Cost rules:

1 person per M/L for 1 model --> free of charge,
Max 2 person per company --> free of charge
If needed more, supplier will be responsible for cost



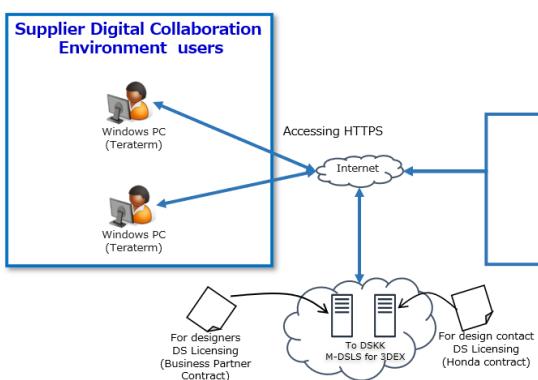
Digital Collaboration Environment configuration



Supplier will use the cloud environment to access the Honda environment.

Requirements for Supplier side Environment

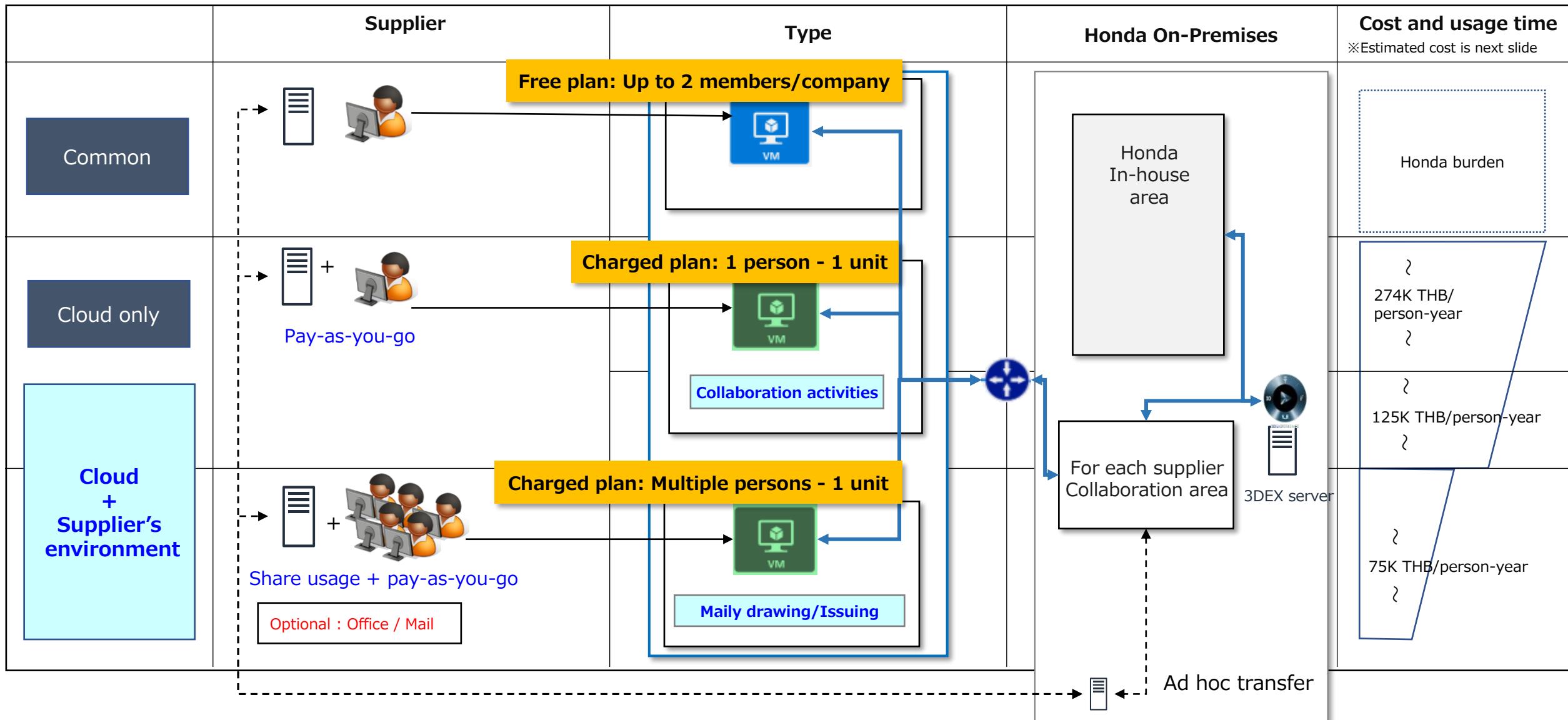
Make sure that the business partner's internal environment and the network for accessing satisfy the conditions below, including DARWIN 3D.



Classification	Category	Item	Remarks
Hardware	Device	Notebook PC or workstation	
	CPU	Intel Core-i5 equivalent	
	Memory	8GB or higher	
	DISK	HDD/SSD	Prepare the capacity according to the amount of data to be transferred.
	Graphic	OpenGL version-2 or later graphics adapter Graphics memory 512MB or higher	Onboard graphics enabled
Software	OS	Windows 10 64	Windows 32bit Not Supported ARM processor not supported (e.g. Surface Pro X)
	Other	Microsoft Visual C++ Redistributable for Visual Studio 2015	<ul style="list-style-type: none"> For Bulk Deployment with Lite3D Installer https://www.technia.com/support/software-downloads/#technia For individual downloads https://www.microsoft.com/en-us/download/details.aspx?id=48145
Network	Line Type	Internet line	
	Bandwidth	Minimum Bandwidth 15Mbps/User for CAD Usage as a Azure Cloud	<p>This is the bandwidth required from a business partner to the Internet exit.</p> <ul style="list-style-type: none"> Classification by usage (CAD usage is classified into POWER) https://docs.microsoft.com/ja-jp/windows-server/remote/remote-desktop-services/remote-desktop-workloads Bandwidth (for applications classified as POWER, the lowest 15Mbps is recommended) https://docs.microsoft.com/ja-jp/windows-server/remote/remote-desktop-services/network-guidance?context=/azure/virtual-desktop/context#applications
	Delay	Less than 50ms	As it varies depending on the environment, please check with the network check tool (next page)
	Firewall	Details will be provided at a later date	Cloud URL, Ports

Please prepare the environment that meets the above requirements

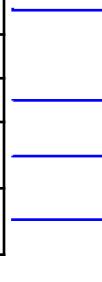
Plan Type



Please select a plan according to the actual usage of the supplier.

Cost for charged plan and Collaboration environment spec

Item	Supplier Collaboration environment user	
	Window person of design (Max. 2)	Other than the left side
Cloud environment	Honda burden	Supplier Burden
Enovia V6	Honda burden	Honda burden
CATIA V6	Honda burden	Supplier Burden
Development information (task management)	Honda burden	Supplier Burden
Development information (schedule management)	Honda burden	Supplier Burden



Item		Payee	Expenses	Detailed Description				
All	Basic charge (Monthly)	Honda	¥9,000/set ¥2,000/person (fixed)	Environment disbursement, registration, and management				
				QA/ failure response				
				Management tool				
Cloud environment	Microsoft SW licensing costs	Sales agent	Please ask Sales agent (fixed)	Windows 10/11 Enterprise E5... 1 unit/person				
				Enterprise Mobility + Security E3 (for client) ... 1 unit/person				
				Microsoft 365 Apps for enterprise... 1 unit/person *For Shared plan, this license is Optional				
				Exchange Online Plan2... 1 unit/person *For Shared plan, this license is Optional				
CATIA V6	DS CATIA V6 License costs	Sales agent	Please ask Sales agent (Pay-per-use)	<Usage environment> ■Instance · Certification machine: "Standard B2S Linux(2vCPU(s),4GB RAM),Standard Managed Disk E4(32GB RAM) × 1" · · · 1 unit/ company · AVDClient: "Standard D4v4 Windows10(4vCPU(s), 16GB RAM),Standard Managed Disk E10 (128GB RAM) × 1" · · · 1 unit/user · VDIClient: "Standard_NC4as_T4_v3 4vCPU(s), 28GB RAM, Standard Managed Disk E10 (128GB RAM) × 3" · · · 1 unit/user ■Additional Storage · "Azure Files(100GB), Azure Backup(difference)(500GB) · · · 1 unit/user ■Others · Microsoft Defender for Cloud · · · 1/device + Cloud internal communication fee(30GB) · · · 1 unit/user				
				If you already have DS Licenses : Register the licenses to managed DSLS tenant for supplier If you do not have DS Licenses yet. : New purchase or Migration from V5 license MES and TAD are mandatory, PCS (IFW and CSV) are not required				
				<table border="1"> <tr> <td>MES</td> <td>Necessary for L/O, 3D modeling, kinematics creation, DPM construction</td> </tr> <tr> <td>TAD</td> <td>Necessary for creating FTAs (dimensions / annotations) in 3D</td> </tr> </table>	MES	Necessary for L/O, 3D modeling, kinematics creation, DPM construction	TAD	Necessary for creating FTAs (dimensions / annotations) in 3D
MES	Necessary for L/O, 3D modeling, kinematics creation, DPM construction							
TAD	Necessary for creating FTAs (dimensions / annotations) in 3D							

Please prepare for the introduction of Collaboration environment.

Cost image for charged plan

Rate: 1USD=36.9THB
1JPY=0.23THB

Use case	Exclusive plan		Shared plan
Usage plan	Pay-as-you-go + 1 workstation/person		Pay-as-you-go + 1 workstation with 5 users
Basic charge (GUID,AHEAD)	30,360 THB ¥11,000 *12		10,488 THB / person (¥9,000+¥2,000*5)*12/5
MS SW Licensing	20,079 THB		10,426 THB / person (Option Ms office and Mail box:+9,653 THB)
CATIA Licensing	Prepared by supplier		Prepared by supplier
Cloud Instances Transactional Pricing	Pay-as-you-go (annual): 223,767 THB Example: 14 hours × 240 days = 3360 hours	Pay-as-you-go (annual): 74,736 THB Example: 3 hours × 240 days = 720 hours	Pay-as-you-go (annual): 54,511 THB Example: 1.5 hours × 240 days = 360 hours
Annual Cost	274,206 THB	125,175 THB	75,425 THB

※This cost is for just reference.
Because the cost depend on contract between supplier and vendor

Preparation for Cloud and V6 licenses

- To use Honda Supplier Collaboration environment at the expense of a business partner, the following licenses must be prepared by the business partner.

Cloud environment	
AZURE Subscription ID MS licence	<p>1. Contact Japan Business Systems Asia Pacific Pte. Ltd. Please consult "Issue Azure Subscription ID and Purchase MS Software License" for Honda digital Collaboration. (*) (*) About terms of use and costs, contact Sales agent. Contact: vmc-ap@jbs.com, Email Subject: [Honda Business Partner Collaboration Environments]</p> <p>2. Once "Azure Subscription ID, and MS Licensing" are delivered (*) from JBS to Honda Tenants, please inform the supplier help desk about Azure subscription ID and MS licensing information. (*) By registering AZURE subscription ID and license purchased by the supplier with Honda tenant, it will be used to link to the user at the time of application.</p>

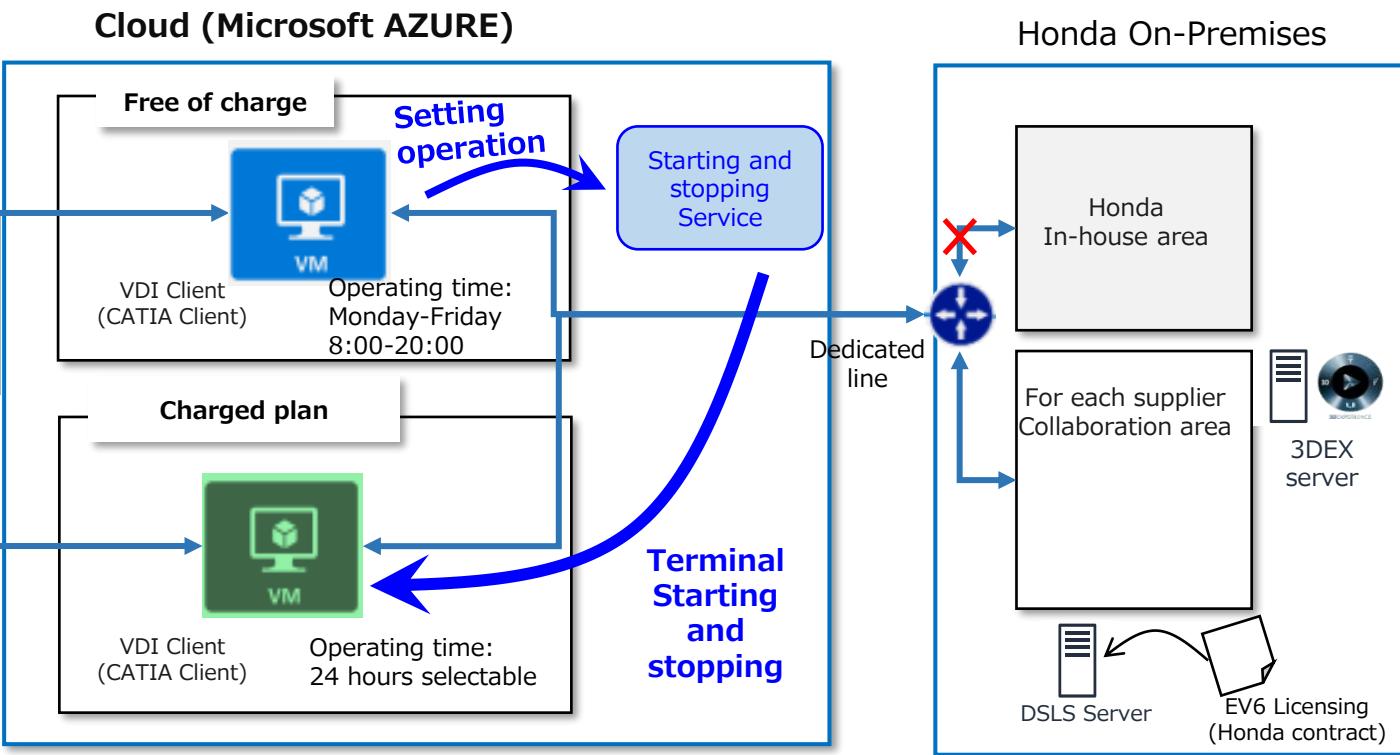
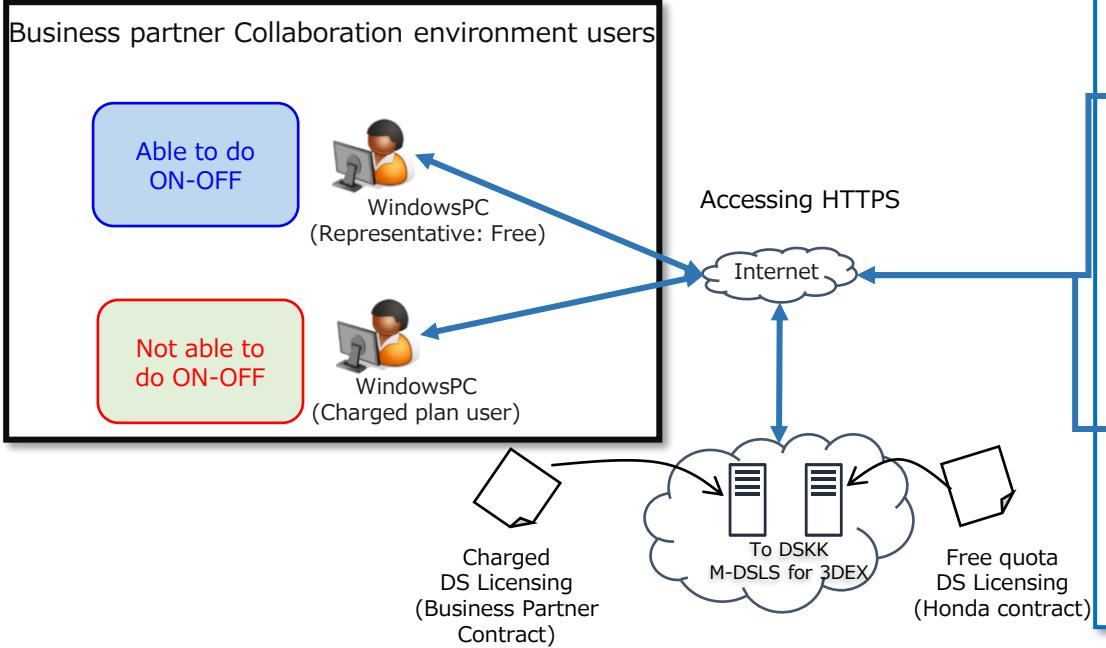
DS Licensing	
If you have CV6 licensing	<p>1. Contact the distributor who purchased DS license for "Transfer License Registration to Managed-DSLS Tenants for Business Partners". 2. After the license transfer to Managed-DSLS is complete, contact Honda Supplier Help Desk.</p>
For CV6 unlicensed	<p>1. Contact your DS licensing distributor with "DS licensing for Honda digital Collaboration". If you do not have a V6 license: Purchasing or migration from V5 license Mandatory licensing is MES, TAD. PCS(IFW, CSV) is not required in Honda supplier collaboration environments. REFERENCE DS LICENSING CONFIGURATION URL: https://www.3ds.com/terms/product-portfolio/licensed-programs/</p> <p>2. Once you have purchased your DS license and registered your managed DSLS for your business partner with your DS license, contact Honda Supplier Help.</p>

If you need "Charged plan user", please contact with Agency

How to ON-OFF cloud workstation

Methods	Definitions
pay-as-you-go	<p>It can be used at any time in 24h by setting the operating hours of the terminals.</p> <p>※Change the startup/shutdown time setting to the supplier representative (free frame) and use of the startup/shutdown tool</p>

How to change the usage time setting



Allow charges only for usage hours and pre-configuration of usage hours

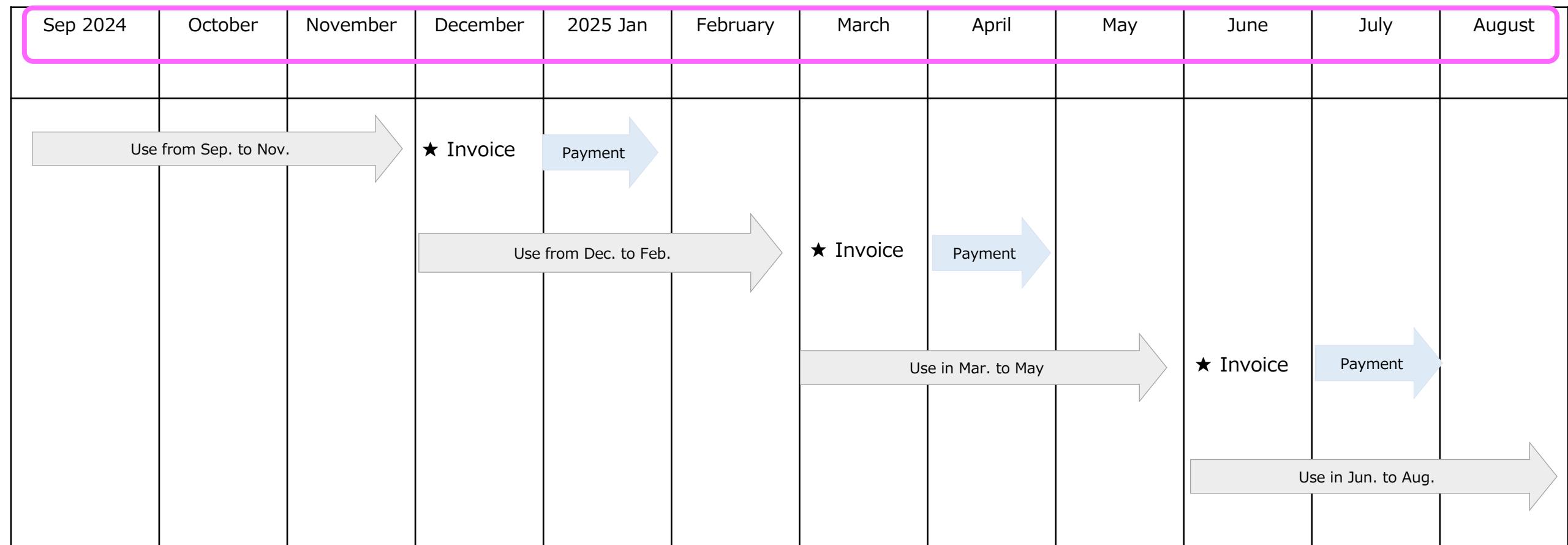
How to charge for "basic charge"

Timing: Charges are made **four times a year** (June, September, December, March)

Invoice Methods: Honda confirms the payment amount prior to the first month of the invoice, and Honda issues the invoice to the account at the end of the month of the invoice.

Payment: The counterparty makes payment within one month of receipt of the invoice.

Late Payment: If the late payment exceeds one (1) month, a late payment fee will be charged (the late payment fee will be charged at the next billing month).



For the basic charge, Honda will issue an invoice every three months and payment in the next month.

Agenda

Explanation : 70 mins
Q&A : 45 mins

No.	Item	Time (Minutes)	Presenter
1	Opening speech <ul style="list-style-type: none"> ▪ Today's purpose 	5	HRAP Funakoshi SMG
2	Outline of Honda initiatives <ul style="list-style-type: none"> ▪ Evolution of Honda's development-process and key measures Business Partner Collaboration Initiatives <ul style="list-style-type: none"> ▪ Vision for Joint Creation with Business Partners ▪ Collaboration environment evolution 	20	HRAP CIS Attawit
3	Environment cost and system configuration Administrative Procedures for Starting Use of the environment	20	ASH IT Aikawa
4	Methods for Applying CATIA V6 Practices Deployment plan	20	HRAP Funakoshi SMG
5	Summary	5	ASH IT Aikawa
6	Q&A	45	ASH/HRAP/HM ALL
7	Closing speech	5	HRAP Funakoshi SMG

List of application-related documents

Classification	Deliverables	New contract		New Add user		Change								Means of submission		Submission Form					
						Delete User		Change Permissions		Change Office/Mail Option		Shared plan									
		Free	Charged	Free	Charged	Free	Charged	Free to Charged	Charged to Free	From Yes to None	From None to Yes	Add Non-Office/Mail Option user	Add Office/Mail Option user	Delete Non-Office/Mail Option user	Delete Office/Mail Option user	Change Assigned workstation	E-Mail	Send by Post	PDF	EXCEL	Original paper
Per Company	Contract	1	Honda Cloud Development Environment License Agreement	●	●	-	-	-	-	-	-	-	-	-	-	-	○			○	
Per Company	Confidentiality	2	Confidentiality check sheet	●	●	-	-	-	-	-	-	-	-	-	-	-	○			○	
		3	Confirmation sheet of teleworking rules	●	●	-	-	-	-	-	-	-	-	-	-	-	○			○	
Per User	Development guest registration	4	Confidentiality Pledges for Developer GE	●	●	●	●	-	-	-	-	-	-	-	-	-	○	○	○		○
Per User	Cloud subscription	5	Public key (*.pub)	●	●	●	●	-	-	-	-	-	-	-	-	-	○				○
Per User	Confidentiality	6	Confidential training record	●	●	●	●	-	-	-	-	-	-	-	-	-	○			○	
Other	Cloud subscription	7	Application for Digital Collaboration Environment User Registration	●	●	●	●	●	●	●	●	●	●	●	●	●	○		○	○	
Other	LICENSE	8	CATIA V6 authentication-key (*.LIC Files)	-	●	-	●	-	-	●	-	-	-	-	-	-	○				○
		9	Microsoft Licensing Info (Mail)	-	●	-	●	-	-	●	-	-	●	-	●	-	○				○
		10	Microsoft license deletion info (Mail)	-	-	-	-	-	●	-	●	●	-	-	-	●	●	○			○

[Send data to e-mail address]

HRAP Business Partner Digital Collaboration Help Desk
Telephone: 065-5076490, 065-5076567
HRAP_VMC_HELPDESK_SUPPLIER@honda.th.com

[Mailing address of original paper]

14 Surasak Rd, Silom, Bang Rak, Bangkok 10500
Asian Honda Motor Co., Ltd.
To : Kenji Aikawa

Application-related documents

Company registration

#1

License Agreement

Confidential

Honda Cloud Development Environment License Agreement

THIS AGREEMENT (the "Agreement") is made and entered into as of the **[month day],
[year]** by and between Honda Motor Co., Ltd., a corporate duly existing under the laws
of Japan, having its principal office at 2-1-1 Minami-Aoyama, Minato-ku, Tokyo 107-
8556 Japan (hereinafter referred to as "Honda") and **[Licensee name]**, a corporate
duly existing under the laws of **[Country]**, having its registered office at
[address](hereinafter referred to as "Licensee"),

WITNESSETH

WHEREAS, Honda has prepared the Software (as defined below) as a cloud
development environment in order for Licensee's development and sharing information
of parts, systems and/or other components for Honda products and Honda is ready for,
and also has right and title to grant license of, providing such development environment
for Licensee,

WHEREAS, Licensee is desirous of using such Software in accordance with the terms
and conditions as described herein,

Contract agreement between Honda and supplier

How to get :

- Step1. Download from Sharepoint
 - Step2. Supplier review the agreement
 - Step3. If OK, Supplier provide the below
 - Company name
 - Address of company
 - Information of Signer
 - Step4. Honda will send document by post
submit : **Send Original paper by post**

#2

Confidentiality check sheet

[お取引先様診断シート] [Supplier Assessment Sheet]			
製品・設備等設計データ管理規程 診断項目シート（情報セキュリティマネジメント未実施事業所用） Assessment Sheet of Design Data Management Rules for Products, Equipment, etc. (for sites that have not implemented information security management)			
●事前の情報収集 Prior information gathering			
確認対象 To be checked	確認項目 Check item	詳細 Details	回答欄 Response field
現地機密管理会員に する確認 Confirmation of general status of local confidentiality management	<p>1 機密区分の設定と表示について確認する。 Confirm the security classification setting and display.</p> <p>2 Hondaから預った機密情報の管理について確認する。 Confirm the control of confidential data received from Honda.</p> <p>3 紙文書、電子文書に関する保存、配布、持出し、商棄に関するルールについて確認する。 Confirm rules for storage, distribution, removal, and disposal of paper documents and electronic documents.</p>	<p>機密区分設定について機密管理規程等の明文化された部分の掲示。 その実運用(表示)についての説明。 -Presentation of an explicit part such as the security management rules regarding the security classification setting -Explanation of the actual operation (display).</p> <p>同上 Same as above</p> <p>同上 Same as above</p>	<p>診断シート改定日 Diagnosis sheet revision date</p> <p>本様式手続き This verification procedure</p>

Assessment Sheet for supplier's security rule
How to get : [Download from Sharepoint](#)
How to submit : [Send Excel file by e-mail](#)

#3

Confirmation sheet of teleworking rules

【お取引先在宅勤務ルール確認シート】[Business Partner Work from Home Rule Assessment Sheet]		
本シート運用の考え方		
①弊社との機密保持契約でお取引先に施密の保持義務があり、その前提のもとでお取引先判断で在宅勤務を行っていただきます。 ②弊社においては、(次)の最小範囲を図らためお取引先がどのように在宅勤務の運用を行っているのか確認しておくことが重要であり、お取引先にて在宅勤務ルール確認への協力ををお願いさせていただいております。		
Concept of use of this sheet		
1	① Our confidentiality agreement requires that our business partners maintain confidentiality, and based on this assumption, we ask them to work from home at the discretion. ② In order to minimize risks, it is important for us to confirm how our business partners are operating telecommuting. We ask our business partners to cooperate in confirming the telecommuting rules.	To be checked
2	より効率的に時間を使いつか方の創出。創造性を基め集中して考える時間に場の創出（創造性や効率／生産性の向上をねらす）	Purpose
3	対象者 入社1年以上の正規従業員、再雇用従業員、嘱託従業員	Eligibility
4	適用基準・適用判断 対象者の業務内容や勤務状況。組織運営上の影響等を踏まえ、所属長が適用を判定する ※在宅勤務を希望する全ての対象者が適用にならわけではない。	Application standards and judgment
5	在宅勤務時の就業時間 会社が定める就業時間内に勤務を行うこと。	Working hours during telecommuting
就業場所	①自宅 ②配偶者、子が居住する家庭（単身赴任者の家族が居住する家庭）③出張時の滞在宿舎（実家（自身・配偶者）～④以外の個室空間 ※当社では京都府（京都市・滋賀県地区）については、商品開発に関する情報を取り扱う業務特性上、機密保護の観点より、オープン空間へ拠点は行ない。 ※上記①～④以外の場所については、チェックリストに基づき上司が判断を行う。（Sheet2 個別判断基準を参照）	Workplace

Assessment Sheet for supplier's security rule

How to get : [Download from Sharepoint](#)
How to submit : [Send Excel file by e-mail](#)

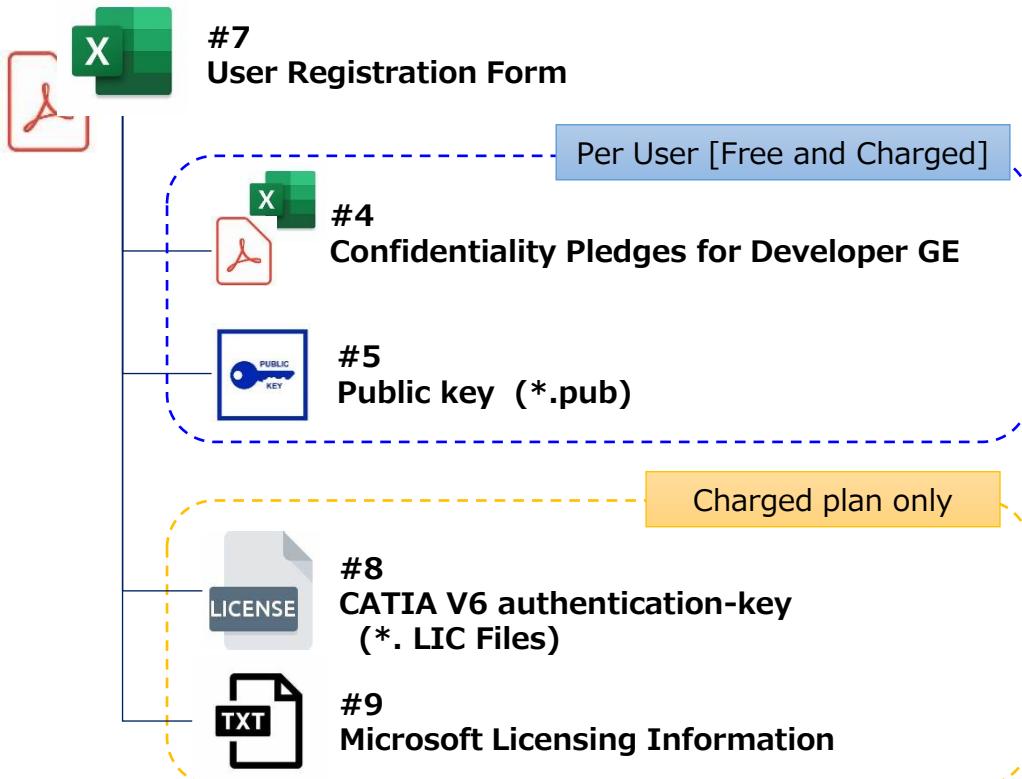
[Send data to e-mail address]
HRAP Business Partner Digital Collaboration Help Desk
Telephone: 065-5076490, 065-5076567
HRAP_VMC_HELPDESK_SUPPLIER@honda-th.com

[Mailing address of original paper]
14 Surasak Rd, Silom, Bang Rak, Bangkok 10500
Asian Honda Motor Co., Ltd.
To : Kenji Aikawa

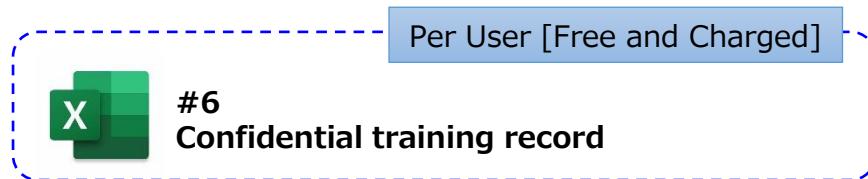
Please submit above document per company at first time.

Application-related documents

User registration



After joining confidential training



[Key Notes]

-#7 User Registration Form

Please [get signature from the manager of HRAP designer](#) before submitting

-#4 Confidentiality Pledges for Developer GE

Please [attach a copy of ID card/Passport with sign](#)

-#5 Public key

Please [generate public key for each user](#)

(*Please download manual to create the public key from Sharepoint)

-#8 CATIA V6 authentication-key, #9 Microsoft Licensing Information

Please get these information from Sales Agent

-#6 Confidential training record

After receiving user registration form, HRAP will hold confidential training.
Please join the training, then share the record to us.

-How to get #4/#7 form

[Download from Sharepoint](#)

-How to submit

Send original paper by post : #4

Send data by e-mail : #4, #5, #6, #7, #8, #9

[Send data to e-mail address]

HRAP Business Partner Digital Collaboration Help Desk
Telephone: 065-5076490, 065-5076567
HRAP_VMC_HELPDESK_SUPPLIER@honda.th.com

[Mailing address of original paper]

14 Surasak Rd, Silom, Bang Rak, Bangkok 10500
Asian Honda Motor Co., Ltd.
To : Kenji Aikawa

Please submit above document per user.

Storage of application-related documents

The contact person of the supplier should download various documents and share them within your company.

AO Supplier Collaboration Help Site ([Link](#))

Supplier Collaboration environment usage application

1. Complete application format

We will release a set of application document and application procedures for using the digital co-creation environment.

No	Title	Format	Link
01	【Application Form Master】 Supplier Collaboration Environment Form	Zip	Download

Contact Information: If the Help Site is not accessible

Please contact AO VMC Supplier Helpdesk

E-mail: HRAP_VMC_Helpdesk_Supplier@honda.th.com

【Application Form Master】 Supplier Collaboration Environment.zip

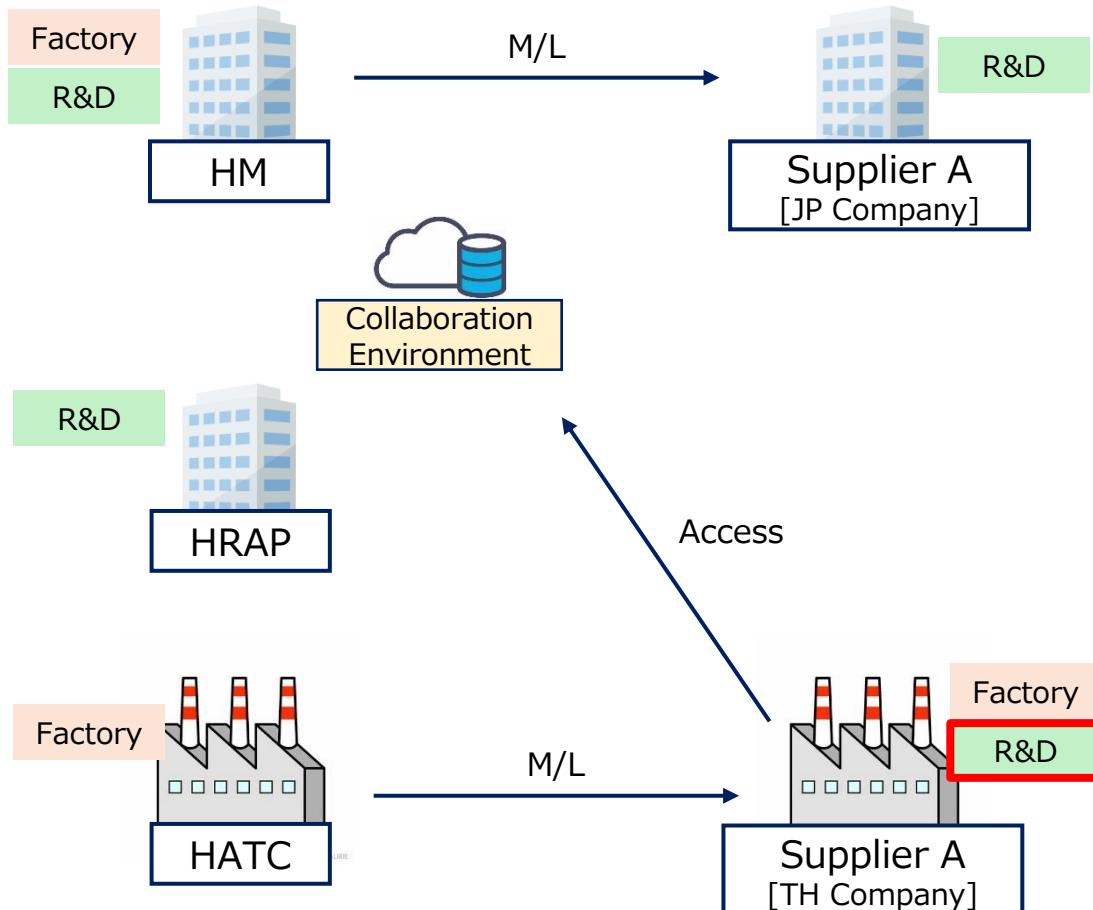
- 01_Honda Cloud Development Environment License Agreement
- 02_Confidentiality check sheet
- 03_Confirmation sheet of teleworking rules
- 04_Confidentiality Pledges for Developer GE
- 05_Public key
- 06_Confidential training record
- 07_Application for User Registration

[Manual to fill application documents.pdf](#)

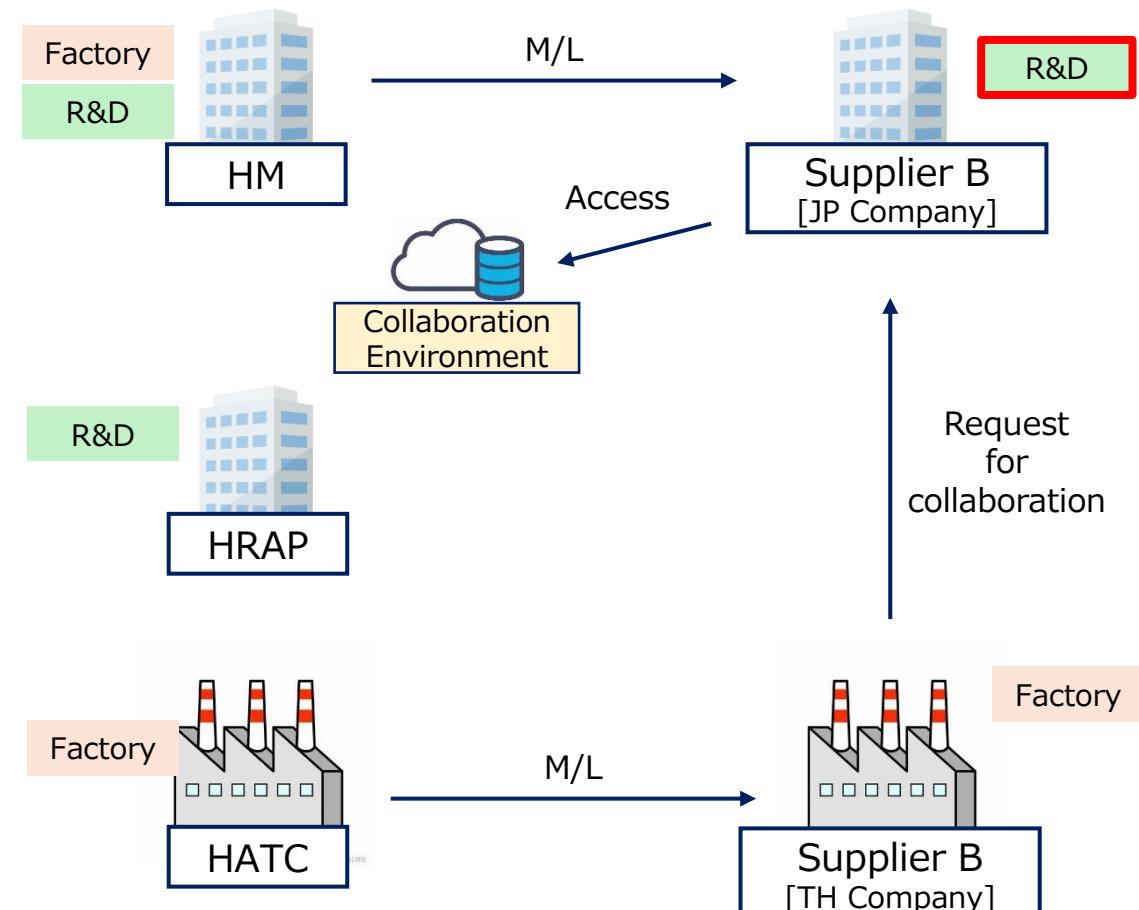


Case of usage for collaboration environment

Case) Supplier's R&D function in TH company



Case) Supplier's R&D function in JP company



-Please submit application form by TH Company

-TH Company can use "free of charge" until 2 person depends on M/L

-If JP Company already use the environment, No need to submit application form

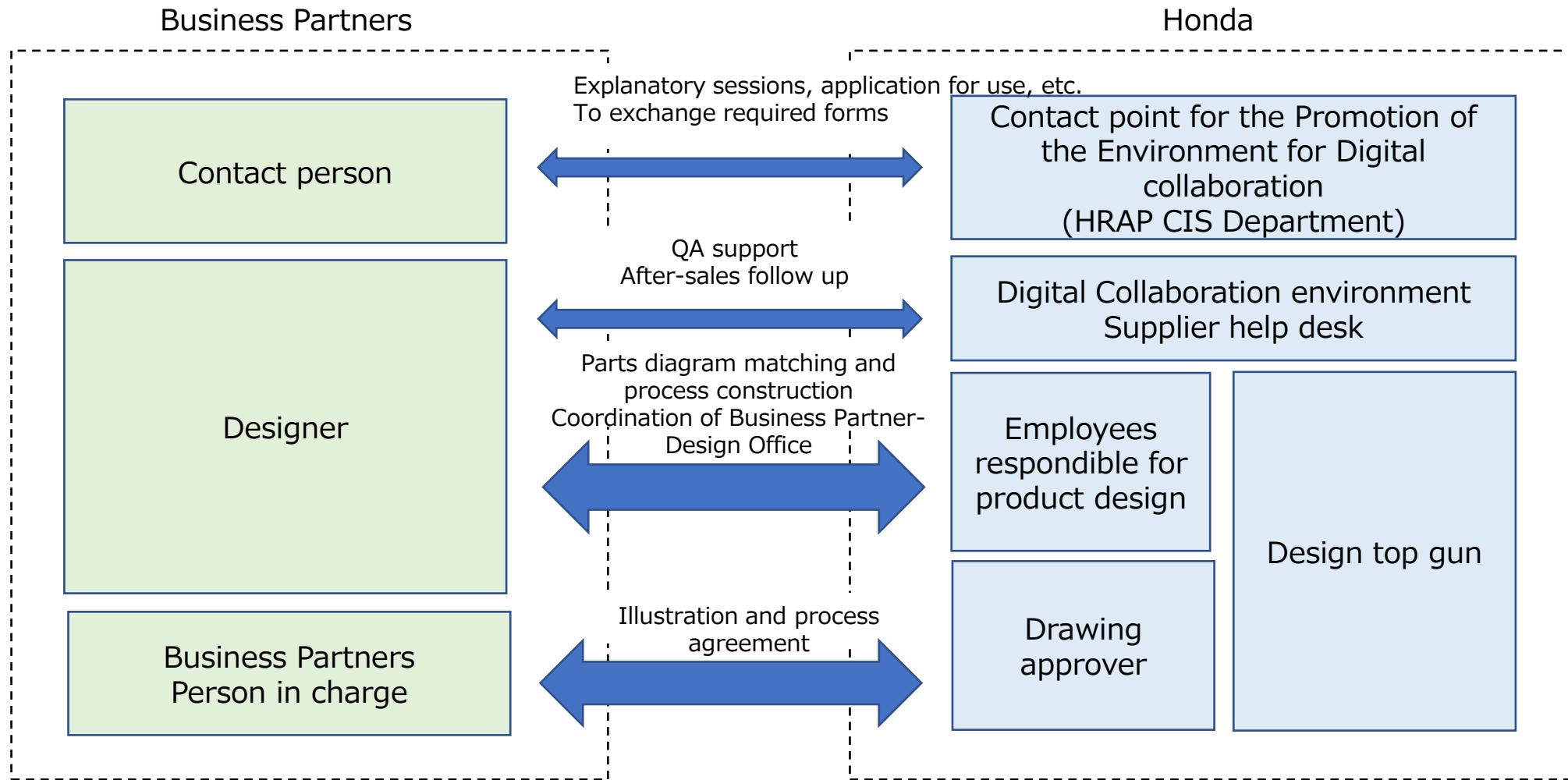
-JP Company can use "Free of charge license" until 2 person depends on M/L

Agenda

Explanation : 70 mins
Q&A : 45 mins

No.	Item	Time (Minutes)	Presenter
1	Opening speech <ul style="list-style-type: none"> ▪ Today's purpose 	5	HRAP Funakoshi SMG
2	Outline of Honda initiatives <ul style="list-style-type: none"> ▪ Evolution of Honda's development-process and key measures Business Partner Collaboration Initiatives <ul style="list-style-type: none"> ▪ Vision for Joint Creation with Business Partners ▪ Collaboration environment evolution 	20	HRAP CIS Attawit
3	Environment cost and system configuration Administrative Procedures for Starting Use of the environment	20	ASH IT Aikawa
4	Methods for Applying CATIA V6 Practices Deployment plan	20	HRAP Funakoshi SMG
5	Summary	5	ASH IT Aikawa
6	Q&A	45	ASH/HRAP/HM ALL
7	Closing speech	5	HRAP Funakoshi SMG

Implementation system



Provide illustration and agree on process building, including both management

About Honda-Digital Collaboration Environment Phase1&2

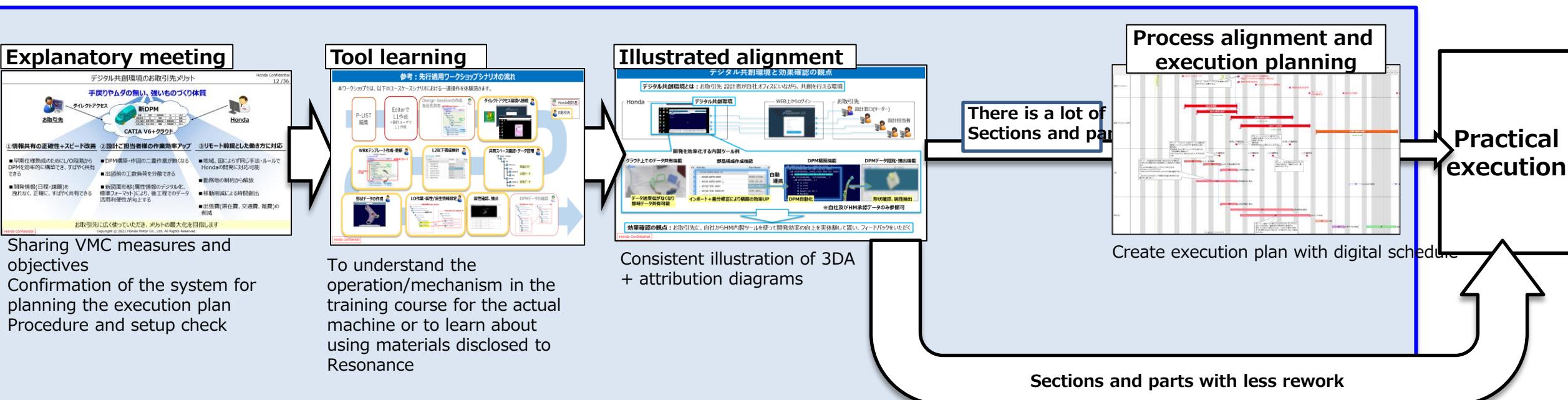
■ Purpose

Prepare for practical application of CATIA V6 and Digital Collaboration Environment by suppliers and designers.

■ Goals and methods

	Goal of practical application	How to proceed
Illustrated alignment	The prospect of drawing and drawing out of the applied part in CATIA V6 new drawing form shall be established.	Individual adjustment for each part between suppliers and Honda Design
Process matching	Between suppliers and HONDA designers, Agreement has been reached on an implementation plan for parts development that does not require rework in accordance with the model schedule.	

■ Activities



List of submissions ~Illustrated alignment~

Application List of Illustrated instruction

分類	項目	備考	該当	作図予定日
部品管理情報	部品番号			
	部品名			
	部品構成			
	表題欄			
	NOTE欄			
	表			
	簡易図			
	ソフトカット			
3Dデータ種別	SOLID			
	SURFACE			
	ASSY/COMP			
図面種類	シングル図			
	R/L図			
	マル図			
部品特性	材質			
	結合(接着/溶接)			
	CMF(色・シボなど)	主に内外装のデザイン部品		
	HOLE(プレス・樹脂)	プレス・樹脂部品の穴指示		
	HOLE(鉄物)	鉄物部品の穴指示		
	MANUFACTURING DATA	樹脂部品の部品属性指示(主に内外装部品)		
	FLEX	単品(納入)状態ASSY(完成車)状態で形状が異なる部品		
図示要素	VIEW / ANNOTATION			
	SECTION / ANNOTATION			
	範囲の指示			
	3Dに形状がない場合の指示			

Sample Dwg



Alignment sheet of Illustrated instruction

分類	項目	観点	結果	備考
部品構成関連	PART STRUCTURE	構成部品の検査(部品、部材の構成)や、部品番号、部品名を整合出来たか?	完了	詳細内容は別途協議する
	SPEC図	新規構成図(件名:FCIFICATION部品仕様書)について、追加・削除・記載する内容が適切に整合出来たか?	完了	基本合意、要社で認識異なる事象が発生した場合は度協議する
	SET SHORT PARTS	新規形式でのSSP作成内容について双方で確認出来たか?	完了	詳細は別途協議する
	WORKテンプレート	全ての構成部品に対し、どのWORKテンプレートを設定するか整合出来たか?	完了	↑
3D上の図示・属性指示(CAD指示項目)	VIEW/SECTION/ANNOTATION/CAPTURE	従来の画面に記載していた箇所で寸法・注釈等の表示を3D上で新しい画面形式でどのように表示するか整合出来たか?	完了	↑
	材質	新規材質適用用の新規ルールでの開発の中での運用を整合したか?	完了	↑
	接合	接着/溶接の指示方法を整合できたか?	完了	↑
	HOLE	六角孔規格表示方法を整合できたか?	完了	↑
	CMF(色・シボなど)	色・シボ情報をどの属性情報表示方法で整合できたか?(主に内外装のデザイン部品)	-	対象外
	MANUFACTURING DATA	樹脂部品の属性表示方法は整合できたか?(主に内外装部品)	-	↑
構造図・構成図・NOTE等(EDITOR指示項目)	表構造(MANAGEMENT INFO)	MANAGEMENT INFOでの図示内容を双方で確認出来たか?	完了	詳細内容は別途協議する
	BASIC SPEC	BASIC SPEC図示内容について双方で確認出来たか?	完了	↑
	FINISHING SYMBOL	FINISHING SYMBOL図示内容について双方で確認出来たか?	完了	↑
	COMPOSITION PARTS	COMPOSITION PARTS:記載する内容を双方で確認出来たか?	完了	↑
	NOTE, FIG図	NOTE欄における図示内容について整合できたか?	完了	↑
	表の表現(TABLE)	表をどのように表示するかについて整合出来たか?	完了	↑
その他部品特性	FLEX	単品(納入)状態ASSY(完成車)状態で、形状が異なる部品等の指示方法は整合できたか?	完了	↑

Concern & C/M

[Supplier Part Name] 課題と対応				
Parts	Detail	Answer / correspondence	Responsible	term
	If there are any remaining assignments, decide at the summary meeting who will complete the assignments by when and how to report on completion.			

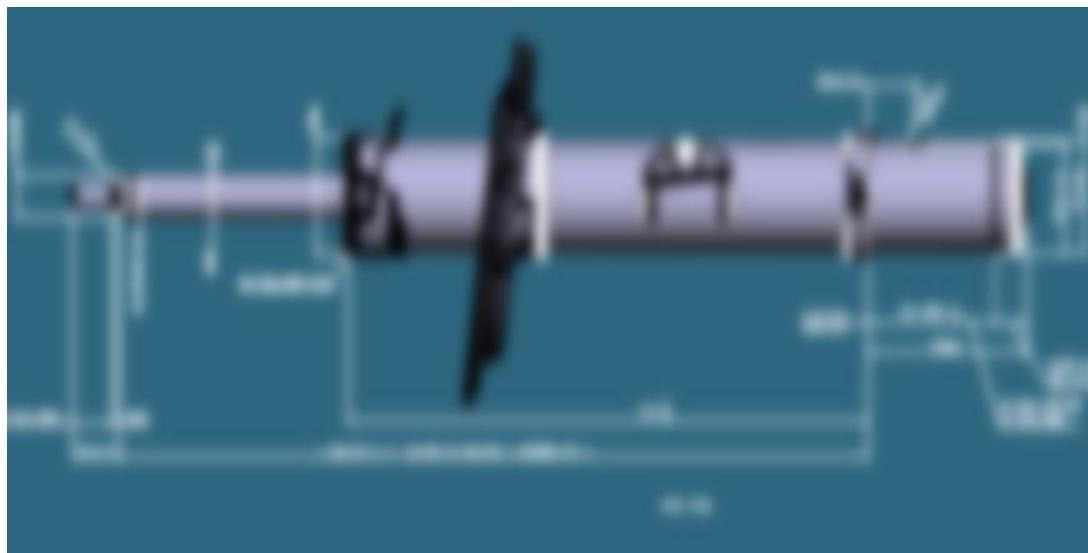
Result & Conclusion

- TANK COMP,FUEL WS まとめ	
実機操作の習熟/図示の整合	検証部品のDESIGN SESSION 検証部品の部品番号
結果	
図面発行までに必要な一連の操作理解の完了し、デジタル共創環境を活用した業務移行見通しが立った 各図示要素の置き換えが実データを用いて置き換えが見通しが立った	
プロセス構築	
デジタル日程表(IQUAVIS)	
結果	
現状のFUEL TANKの様との共創において 非効率作業と手戻りを削減するため、施策と機種開発における業務計画が明確になった。	
以上を持ちまして、ワークショップの完了を報告します。	

Illustrated alignment

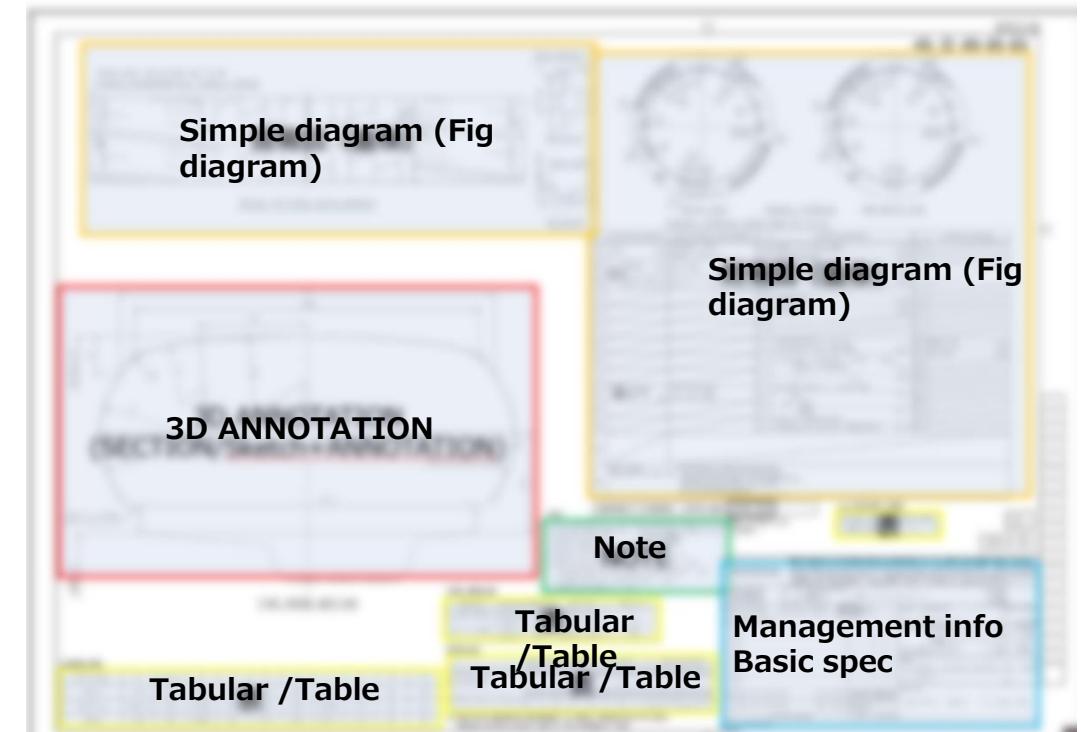
Goal of WS completion	Deliverables
The prospect of drawing and drawing out of the applied part in CATIA V6 new drawing form shall be established.	Graphical consistency result table Lot3 completion check sheet

■ Procedure example ①



Drawing with actual parts and verification/matching

■ Procedure example ②



With each drawing in a new form based on the current drawing
Match what elements are illustrated

Please submit the "Diagram Consistency Results Table" along with the completion confirmation sheet.

図示整合結果表

図示整合表

整合手順書として
活用ください

SECTION	対象部品No	部品名	お取引先
F999	99999	SAMPLE. ASSY	VMC株式会社
お取引先担当者	HM設計担当者	整合完了日	Design Session
宇都宮三郎	芳賀四郎	2023'2/30	prd8888888888888888

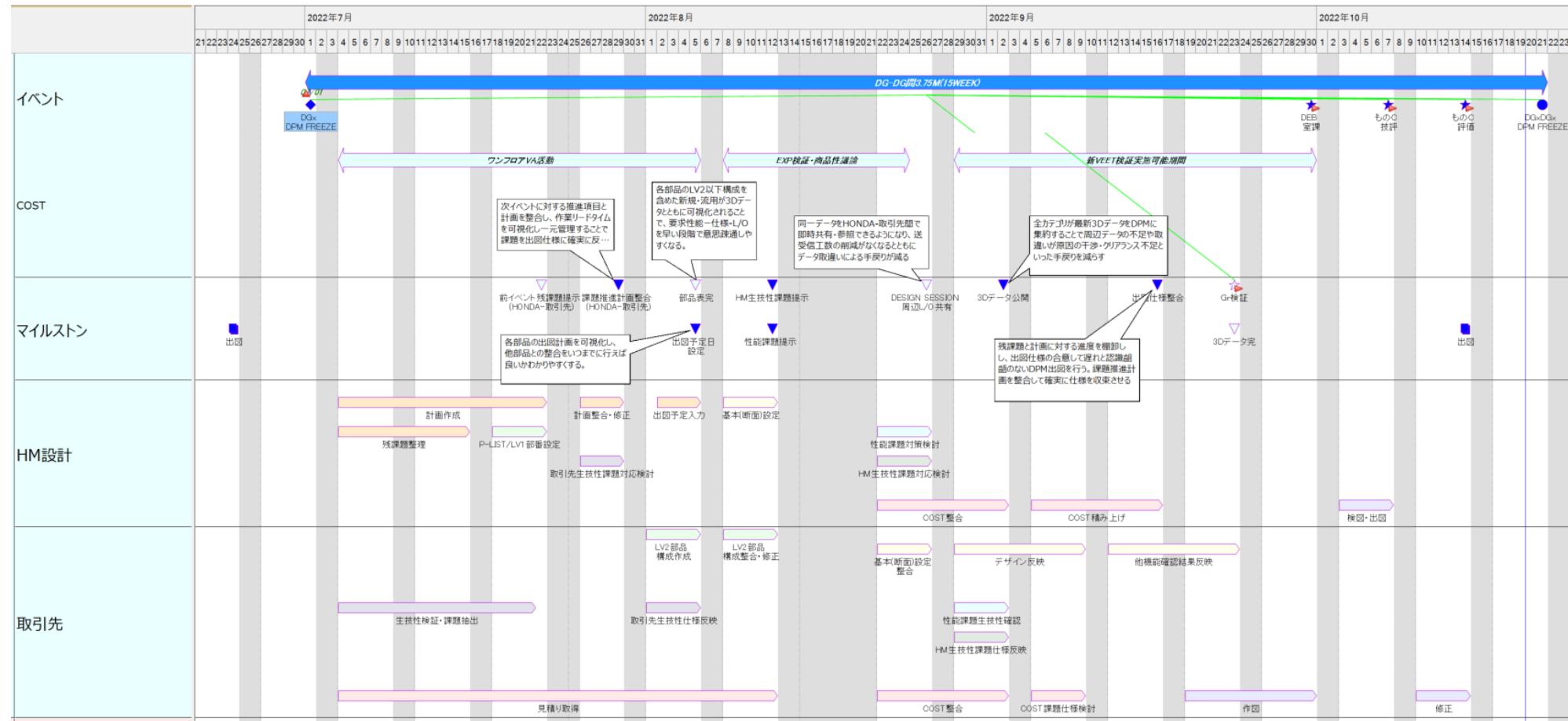
分類	項目	観点	結果	備考
部品構成関連	PART STRUCTURE	構成部番の粒度(部品、部材の構成)や、 部品番号、部品名、構成No.を整合出来たか？	完了	
	SPEC図	新図面形態に伴うSPECIFICATION(部品仕様書)図について、 追加・廃止・記載する内容の改訂について整合出来たか？	完了	
3D上の図示・属性指示 (CAD指示項目)	SET SHORT PARTS	新図面形式でのSSP作成内容について双方で確認出来たか？	完了	
	WORKテンプレート	全ての構成部番に対し、どのWORKテンプレートを設定するか整合できたか？	完了	
3D上の図示・属性指示 (CAD指示項目)	VIEW/SECTION/ANNOTATION /CAPTURE	従来の図面に記載されていた個々の寸法・注釈等の指示を 3DAおよび新しい図面形態でどのように図示するか整合できたか？	完了	
	材質	新図面形式での材質指示内容を双方で確認出来たか？	完了	
3D上の図示・属性指示 (CAD指示項目)	新規	?	完了	
	接合	接着/	完了	
3D上の図示・属性指示 (CAD指示項目)	HOLE	穴属性	完了	
	CMF(色・シボなど)	色・シボ情報などの属性情報指示方法は整合できたか？(主に内外装のデザイン部品)	無	
3D上の図示・属性指示 (CAD指示項目)	MANUFACTURING DATA	樹脂部品の属性指示方法は整合できたか？(主に内外装部品)	完了	
	表題欄(MANAGEMENT INFO)	MANAGEMENT INFOでの図示内容を双方で確認出来たか？	完了	
3D上の図示・属性指示 (CAD指示項目)	BASIC SPEC	BASIC SPEC図示内容について双方で確認出来たか？	完了	本型品までのWt集計方法は都度整合
	FINISHING SYMBOL	FINISHING SYMBOL図示内容について双方で確認出来たか？	完了	
3D上の図示・属性指示 (CAD指示項目)	COMPOSITION PARTS	COMPOSITION PARTSで記載する内容を双方で確認出来たか？	完了	REMARKS記載内容は室課図面ルールに のっとる
	NOTE, FIG図	NOTE欄およびFIG図の図示内容について整合できたか？	完了	
3D上の図示・属性指示 (CAD指示項目)	表の表現(TABLE)	表を使った図示表現の要否について整合出来たか？	完了	
		表が必要となった場合図示の内容について整合出来たか？	完了	
その他部品特性	FLEX	単品(納入)状態とASSY(完成車)状態で、 形状が異なる部品(ハーネス、ケーブル、漬し設定部品等)の指示方法は整合できたか？	無	

Example

Alignment of Collaboration processes

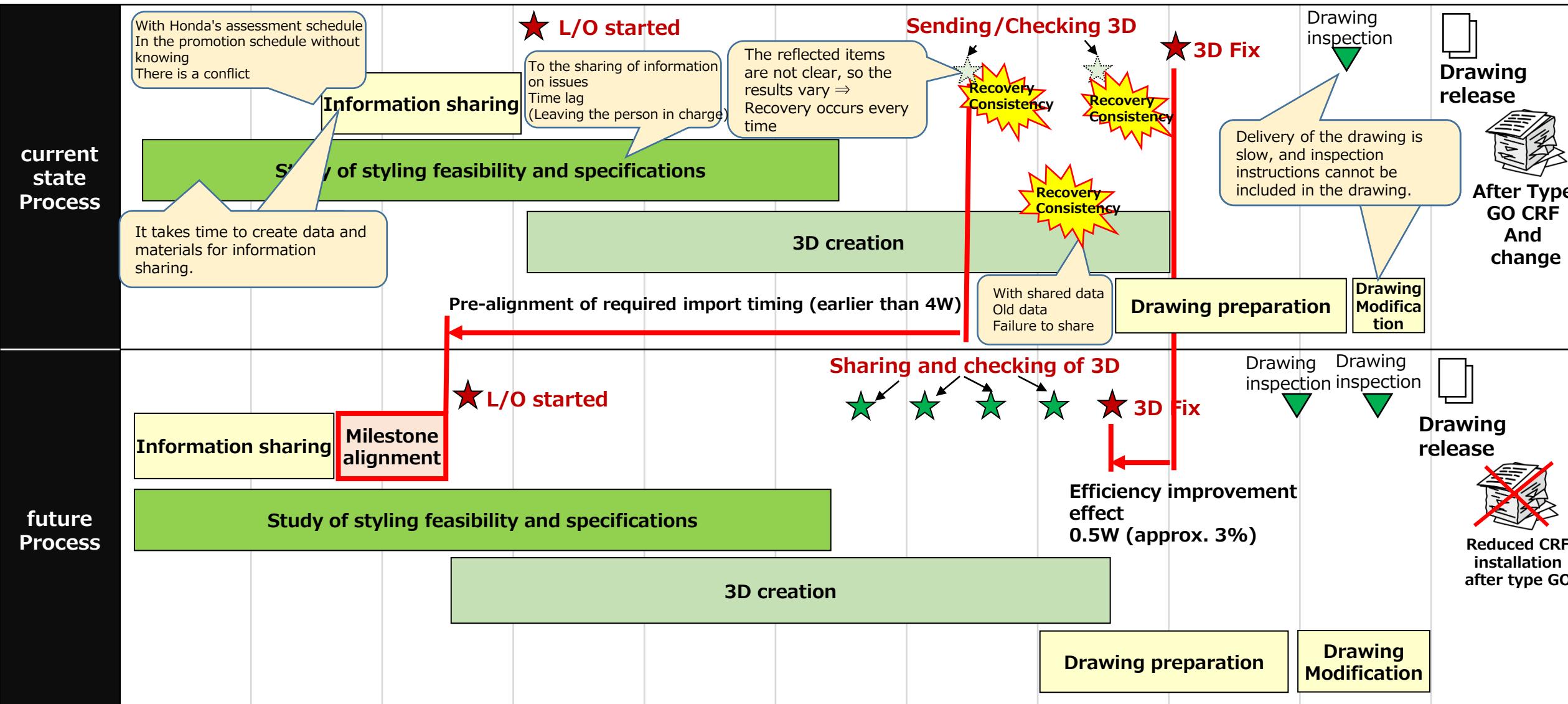
Goal of WS completion	Deliverables
<p>On a newly developed flow and parts development without rework that conforms to the applicable model schedule The execution plan is prepared and consistent with the business partner.</p>	<p>Specific Implementation Plans for New Development (IQUAVIS) Specific and Quantitative Approaches and Prospects of Effects</p>

■ Deliverables (Item Plan)



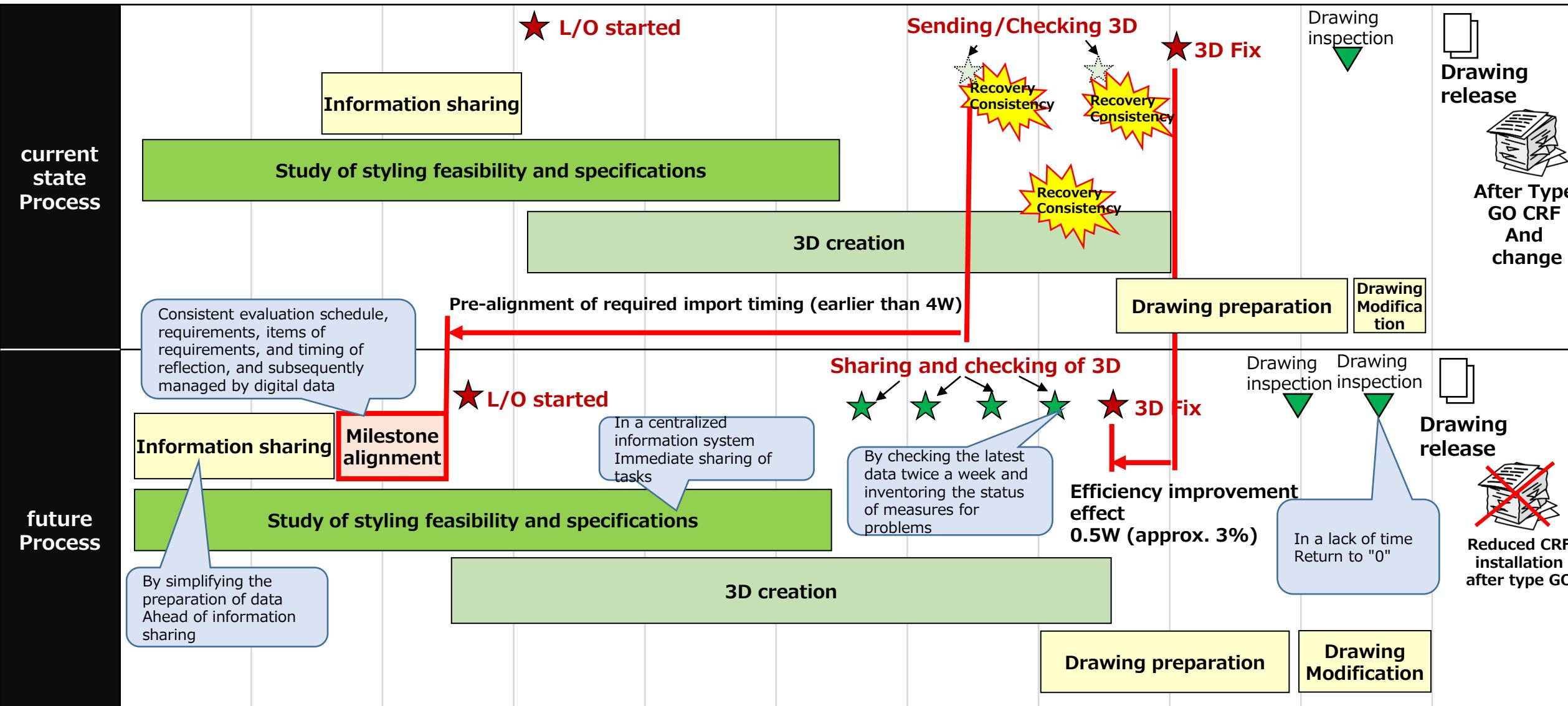
Collaborate with HM designers to digitally schedule IQUAVIS)』 URL on a completion checklist

Point of Collaboration process alignment



Specification of each other's requirements and requirements, and clarification of timing of reflection

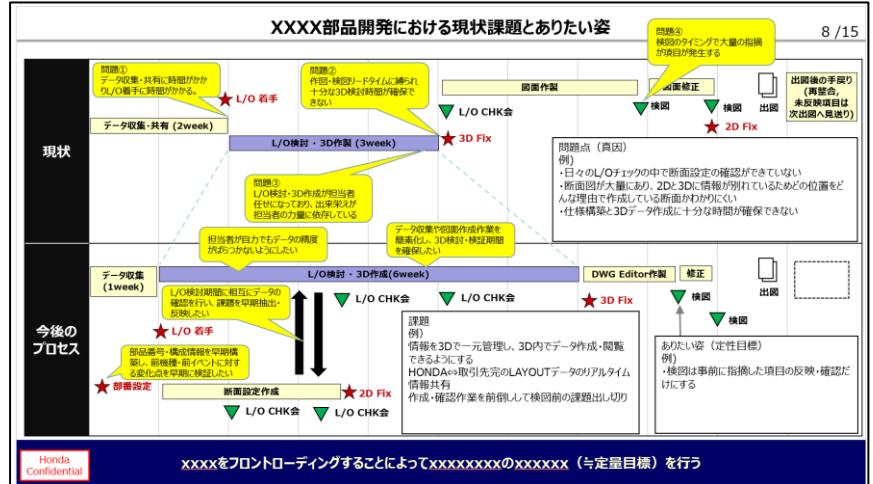
Point of Collaboration process alignment



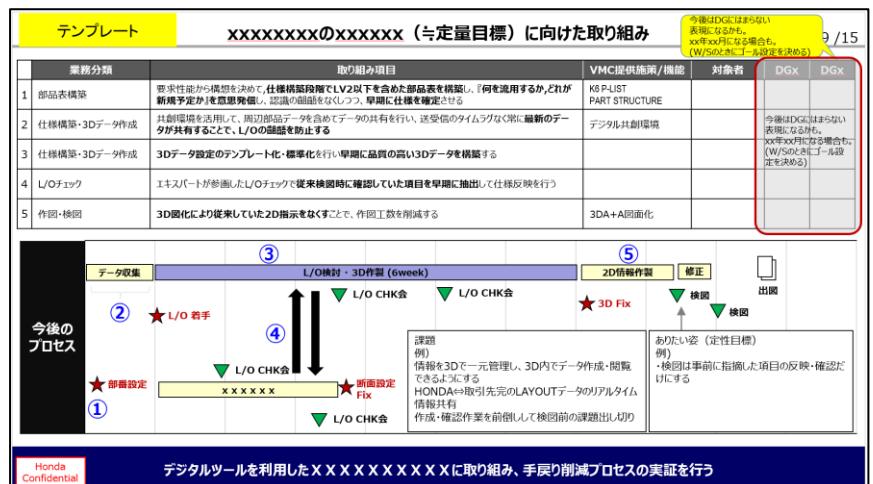
Specification of each other's requirements and requirements, and clarification of timing of reflection

List of submissions ~Process matching~

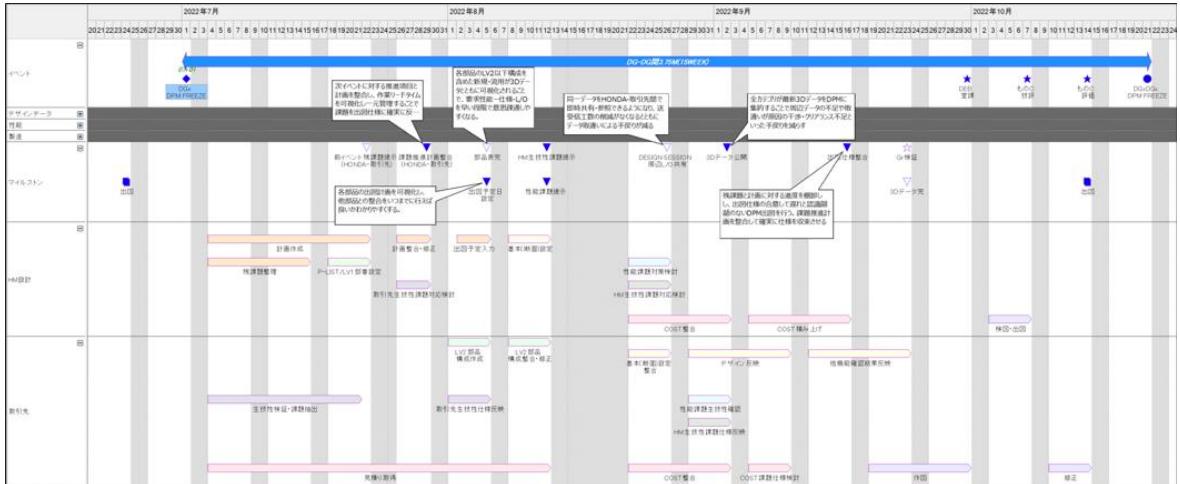
Confirm concern and ideal target



Initiatives for xxxx of xxxx (~ Quantitative Target)



Digital calendar that reflects Collaboration work processes



Completion check sheet

Report : Drawing element replacement consistency table

SECTION	お取引先名	品主名	部品名
既存整合	先了・該当無し	共同プロセスの整合	先了・該当無し
			デジタル日程表URL

<共創プロセスの取組みと効果一覧>

分類	内容	目論見の効果量 <人日>
手戻り削減	1. 仕様FIX日程の明確化, 2. L/O FIX日程の明確化, 3. 検証日程・内容の適正化, 4. その他, 5. 効果なし (理由を内容に記載)	
効率向上	a. 最新、同一CADデータ共有, b. 最新、同一日程、課題共有, c. 最新の図面データ共有, d. 3D図面による作図削減 e. その他, f. 効果なし (理由を内容に記載)	

お取引先責任者コメント : 逾辺 幸弘

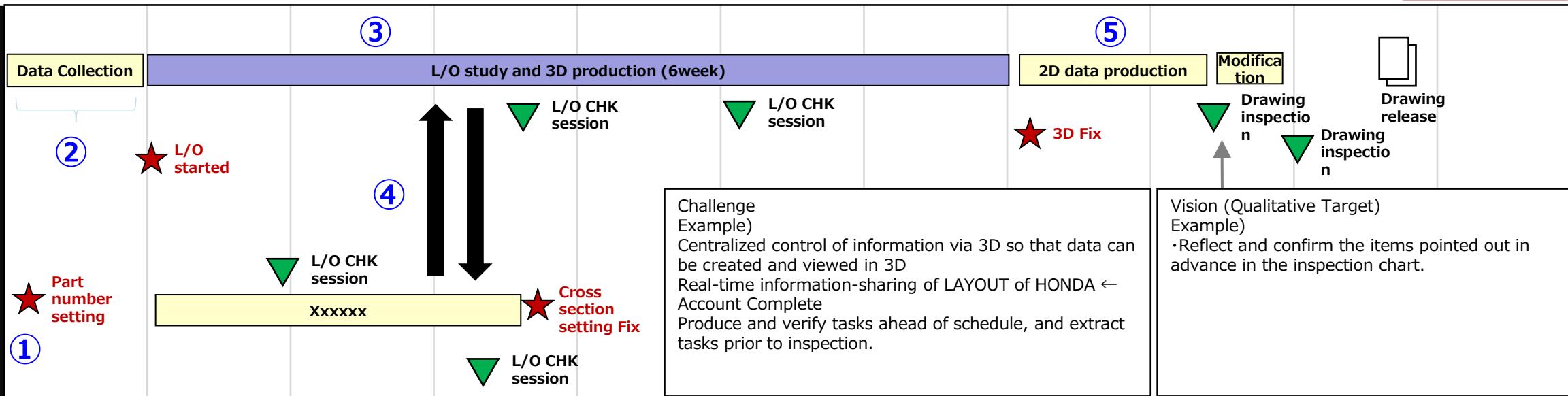
HM責任者コメント : 鈴木 直哉

弊社内においても今回の内容を展開させて頂き、今後スムーズに対応できるようにしていきたいと思いますので、引き続き宜しくお願い致します。

詳細内容別途協議を要する項目もありますが、協力し合い解決を図っていけるよう推進していきましょう。

Initiatives for xxxx of xxxx (~ Quantitative Target)

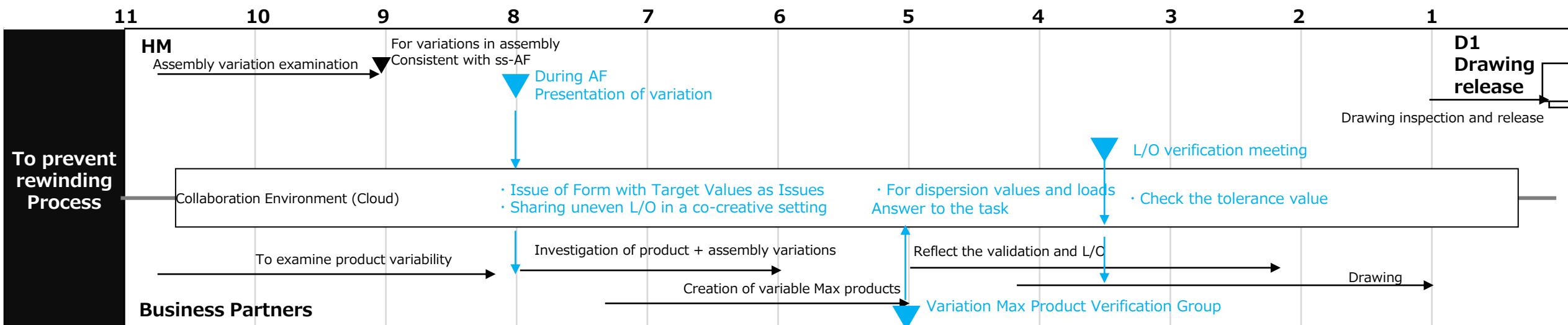
Job classification	Initiatives	VMC provision measures/functions	Eligibility	DGx	DGx
1 Bill of materials construction	Decide on the concept based on the required performance, build a bill of materials including LV2 below at the specification construction stage, and send out the intention to "what will be diverted and which will be the new schedule". Confirm the specifications at an early stage without any discrepancy in the recognition.	K6 P-LIST PART STRUCTURE			
2 Establishment of specs and creation of 3D	By utilizing the Collaboration environment to share data, including data on peripheral components, and by sharing the latest data at all times with no time lag in transmission and reception, we prevent inconsistencies in L/O	Digital Collaboration environment		Be no longer a DG It may be an expression. Also when xx year becomes xx month. (Goal setting is decided in W/S)	
3 Establishment of specs and creation of 3D	Build high-quality 3D data early by templating and standardizing 3D data settings		Be no longer a DG It may be an expression. Also when xx year becomes xx month. (Goal setting is decided in W/S)		
4 L/O checking	Extract items that have been checked at the time of conventional inspection by L/O checking with the help of experts as soon as possible to reflect specifications.				
5 Drawing and inspection	Reduce drawing man-hours by eliminating the conventional 2D instruction through 3D drawing	Drawing of 3DA + A			



Working on XXXX using digital tools and demonstrating the process of reducing rework

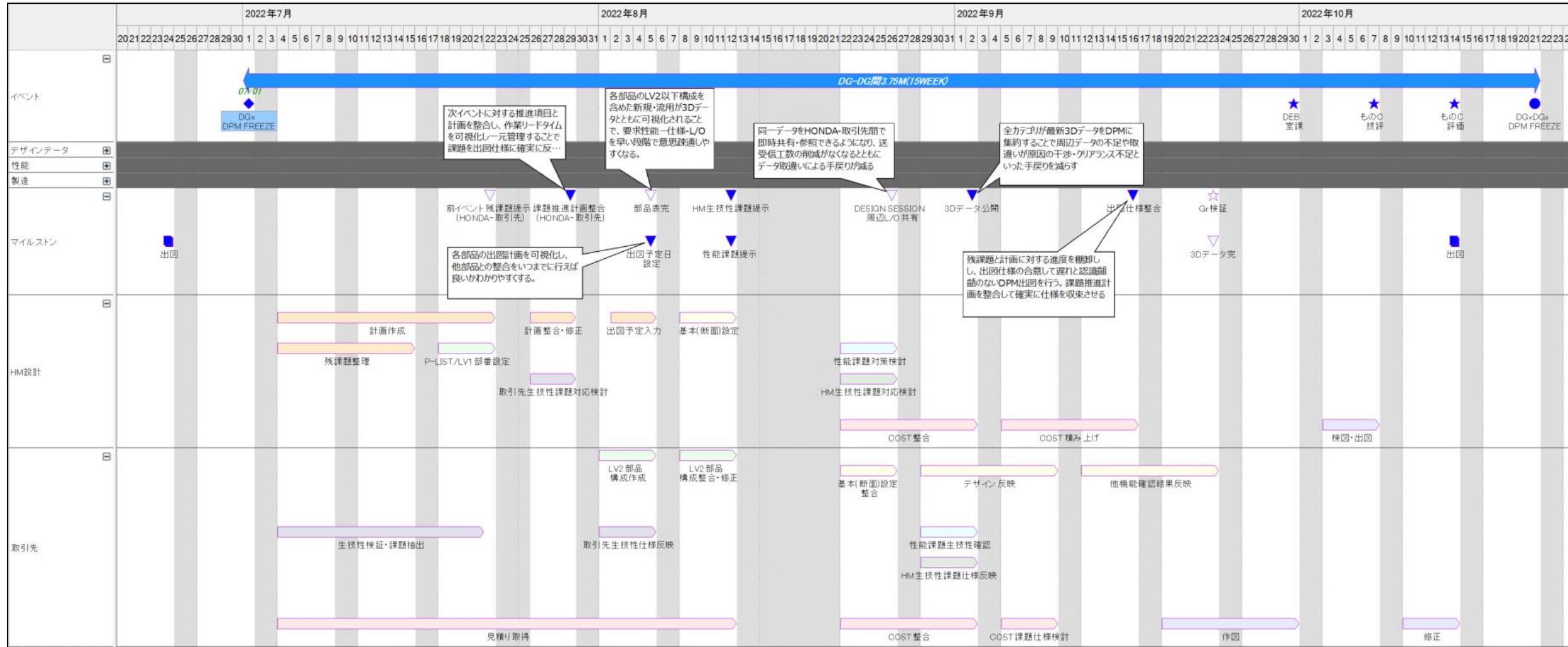
Joint Creation Process Alignment Initiatives and Prospects of Effects

Requirements and requirements	Rework prevention process				
		About what	When	By whom	In any way
Mechanism operating load (**N) or less, including component tolerances and variations during AF assembly	Presentation	Presentation of variations during AF	**Month ** date D1 diagram 8 weeks ago	HM	<ul style="list-style-type: none"> Execute the task by AHEAD and present the target value (variation and load). Create a variation L/O and register it in the Collaboration environment.
	Verification	In a variable Max product Load measurement	**Month ** date D1 Chart 3.5 Weeks ago	Company X	<ul style="list-style-type: none"> Prepare a sample of variation max and set a joint confirmation session. Clarify the settings of the above example and the assumed tolerances and respond to AHEAD issues.
	Check	Tolerance value	**Month ** date 2 weeks prior to D1 chart	HM	<ul style="list-style-type: none"> In the tolerance setting at the time of L/O checking as the consistent value of the confirmation meeting Verify on 3D that they are the same
	Presentation				
	Verification				
	Check				



Execute preliminary arrangement of key-point processes when planning an action plan (i QUAVIS)

Digital calendar that reflects Collaboration work processes



Work on XX using digital tools and demonstrate the process of reducing rework

Completion check sheet

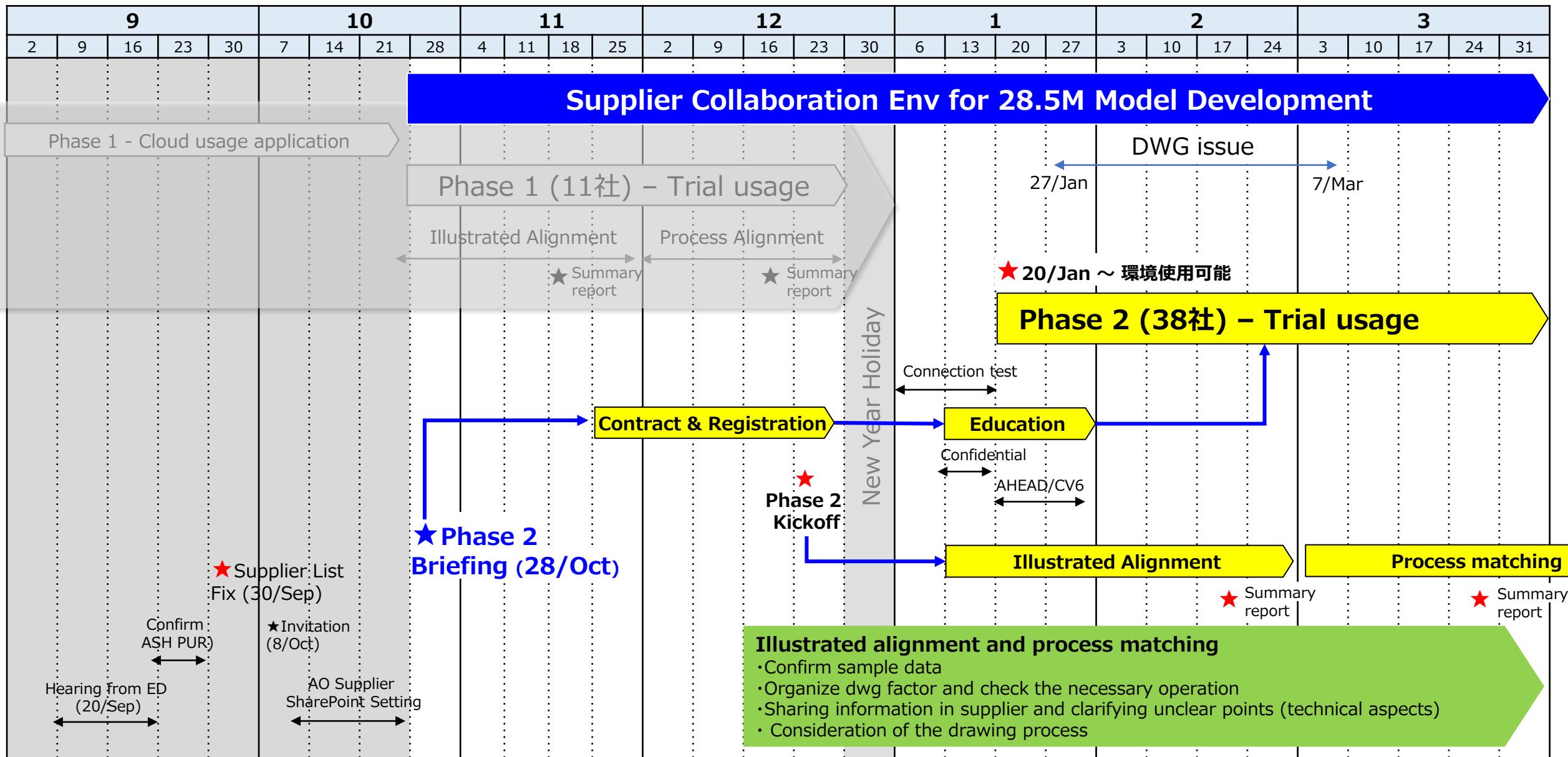
SECTION	F999	Name of customer	VMC Corporation	Component main No	99999	Part name	SAMPLE. ASSY
Illustrated alignment	Completed, N/A	Alignment of Collaboration processes	Completed, N/A	Digital scheduling URL	Iquavis://main/show?ProjectId=1ebdd072-59ff-4fe1-b5de-6f8d0c9cbb7b		

<Initiatives and Effects of Collaboration Process>

Classification		Description	Prospective effect <Person-day>
Rework to reduce	1. Clarification of the spec FIX schedule, 2. Clarification of L/O FIX schedule, 3. Optimization of verification schedules and contents, 4. Others 5. No effect (The reason is described in the content.)	By not changing peripheral L/O hardware such as component layout and colliding hardware, Prevent rework of biometric reflection Example Componen... developed in the initial stage of development, so	1.5
Efficiency Improvement	a. Sharing the most recent and same CAD, b. Sharing the latest and same schedules and issues, c. Sharing the latest drawing data, Reduced drawing by d.3D plotting e. Others f. No effect (The reason is described in the content.)	By working on a schedule while sharing the newest L/O and issues with each other Can efficiently reflect production skills	3
			2

Contact Comments : Taro tochigi	Thanks for the process alignment. Now that development issues and responses related to production skills have been materialized and their effectiveness has been clarified, we will ensure that planning is carried out in the model ***.
Comments from HM Manager : Jiro honda	Thanks for your understanding and cooperation in our efforts to improve efficiency. We believe it is essential to reflect this plan in development and products, so we request your cooperation in practice as well.

Deployment plan – Phase 2



Please cooperate with HRAP designer for Illustrated alignment and process matching from Jan'24

Agenda

Explanation : 70 mins
Q&A : 45 mins

No.	Item	Time (Minutes)	Presenter
1	Opening speech <ul style="list-style-type: none"> ▪ Today's purpose 	5	HRAP Funakoshi SMG
2	Outline of Honda initiatives <ul style="list-style-type: none"> ▪ Evolution of Honda's development-process and key measures Business Partner Collaboration Initiatives <ul style="list-style-type: none"> ▪ Vision for Joint Creation with Business Partners ▪ Collaboration environment evolution 	20	HRAP CIS Attawit
3	Environment cost and system configuration Administrative Procedures for Starting Use of the environment	20	ASH IT Aikawa
4	Methods for Applying CATIA V6 Practices Deployment plan	20	HRAP Funakoshi SMG
5	Summary	5	ASH IT Aikawa
6	Q&A	45	ASH/HRAP/HM ALL
7	Closing speech	5	HRAP Funakoshi SMG

Today's summary

■ Today's purpose

Supplier Collaboration project will be started from trial phase.
Honda will provide one free user for each company as trial phase before submitting M/L.

■ Request

Category	Task	Due date
License Agreement(#1)	Please review the agreement. If supplier can accept the agreement, please inform below information to "HRAP VMC Supplier Helpdesk" 1. Company name 2. Address of company 3. Information of Signer	Nov 08 th
	Once you receive document, please sign and submit it by post.	
Check sheet for company(#2,3)	Please fill in the form and submit Excel file by e-mail	Nov 25 th
Confidentiality form(#4)	Please fill in the form and submit document by post, and submit PDF file by e-mail	Nov 25 th
Public key (#5)	Please create public key and submit data by e-mail	Nov 25 th
User Application form(#7)	Please fill in the form and get signature from the manager of HRAP designer. Then submit Excel and PDF by e-mail	Nov 25 th

[Send data to e-mail address]

HRAP Business Partner Digital Collaboration Help Desk
 Telephone: 065-5076490, 065-5076567
 HRAP_VMC_HELPDESK_SUPPLIER@honda.th.com

[Mailing address of original paper]

14 Surasak Rd, Silom, Bang Rak, Bangkok 10500
 Asian Honda Motor Co., Ltd.
 To : Kenji Aikawa

■ Download document

The contact person of the supplier can download documents from our site ([Link](#))

Agenda

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Q&A : 45 mins

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7	Closing speech	5	HRAP Funakoshi SMG

Q&A

I'm sorry, but due to time limitations, this question is related to "Today's explanation".
If you have any questions, please raise your hand.

Inquiry window :

Supplier Digital Collaboration Helpdesk

E-mail :	HRAP_VMC_Helpdesk_Supplier@honda.th.com
Phone number :	065-5076490, 065-5076567
Business hours :	08:00-12:00, 13:00-17:00
Language :	Thai & English

Agenda

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We have built a digital collaboration environment (CATIA V6+Cloud) for manufacturer drawings to strengthen Collaboration with our business partners.

In the future, in order to develop HRAP models, we will need to deliver drawings using CATIA V6 and have manufacturers draw the drawings at our suppliers using the cloud. We ask for the cooperation of our business partners in implementing this system.

We ask for your cooperation in coordinating the phased introduction between our design department and our business partners.

Finally, I would like to ask our business partners for their continued understanding and cooperation as we strive to realize "strong manufacturing" that will lead to Honda's growth and evolution. Please.

Thank you very much for today.



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