



# DIGITAL INNOVATION IN HEALTHCARE INDUSTRY

16th February 2022 | *OpenPeppol End User Community*

# WHO



**DAFNE Consortium** is the benchmark **non-profit B2B community** for the entire ecosystem of Human and Animal **Health**

The ecosystem encompasses more than **800** organizations: **Healthcare Companies, Dealers, Depositors, Intermediate Distributors, Private Health Facilities**, as well as connecting through NSO the total number of Public Institutions related to the National Health Service



Discover the updated list on [consorziodafne.com](https://consorziodafne.com)



# WHO



1. ABBOTT
2. ABBVIE
3. ABC FARMACEUTICI
4. ABIOGEN PHARMA
5. ABOCA
6. ACCORD HEALTHCARE
7. ALCON
8. ALFASIGMA
9. ALLERGAN
10. AMGEN
11. ANGELINI
12. ARTSANA
13. ASTELLAS
14. ASTRAZENECA
15. AUROBINDO PHARMA
16. B. BRAUN MILANO
17. BAXTER
18. BAYER
19. BEIERSDORF
20. BIODUE
21. BIOGEN
22. BOEHRINGER INGELHEIM
23. BI ANIMAL HEALTH
24. BRACCO IMAGING
25. BRISTOL-MYERS SQUIBB
26. BRUNO FARMACEUTICI
27. CHIESI ITALIA
28. CO.DI.FI
29. COLOPLAST
30. CONVATEC
31. COSWELL
32. CSL BEHRING
33. DAIICHI SANKYO
34. DANONE NUTRICIA
35. DIFA COOPER
36. DOMPÉ FARMACEUTICI
37. EG STADA
38. ELANCO ITALIA
39. ELI LILLY
40. ERBOZETA
41. FARMA1000
42. FARMACEUTICI DAMOR
43. FEDERFARMACO
44. FERRING
45. FIDIA
46. FIRMA
47. FRESENIUS KABI
48. GALDERMA
49. GEDEON RICHTER
50. GIULIANI
51. GLAXOSMITHKLINE
52. GLAXOSMITHKLINE C.H.
53. GRUNENTHAL
54. GUNA
55. HEINZ
56. IMO
57. INNOVA PHARMA
58. ITALCHIMICI
59. JANSSEN-CILAG
60. JAZZ HEALTHCARE ITALY
61. JOHNSON & JOHNSON
62. KEDRION
63. KRKA FARMACEUTICI
64. L'ORÉAL ITALIA
65. LABORATOIRES BOIRON
66. LABORATOIRES SVR
67. LAB. FARMACEUTICO SIT
68. MEDTRONIC
69. MENARINI DIAGNOSTICS
70. MENARINI SILICON BIOS.
71. MERCK SERONO
72. MSD ITALIA
73. MSD ANIMAL HEALTH
74. MUNDIPHARMA
75. MYLAN
76. MYLAN ITALIA
77. NAMED
78. NAMEDSPORT
79. NATURAL POINT
80. NEOPHARMED GENTILI
81. NESTLÉ ITALIA
82. NORDIC PHARMA
83. NOVARTIS
84. OFTAGEST
85. OPELLA HEALTHCARE
86. ORGANON ITALIA
87. OTI TERAPIE INNOVATIVE
88. OTSUKA PHARMACEUTICAL
89. PAUL HARTMANN
90. PENSA PHARMA
91. PERRIGO
92. PFIZER
93. PIAM FARMACEUTICI
94. PIERRE FABRE
95. PIERRE FABRE PHARMA
96. PIKDARE
97. POLIFARMA
98. PRODECO PHARMA
99. RECKITT BENCKISER
100. RECORDATI
101. ROCHE
102. ROCHE DIAGNOSTICS
103. SAFETY
104. SANDOZ
105. SANITPHARMA
106. SANOFI
107. SANTEN
108. SCHAEER
109. SKILLS IN HEALTHCARE
110. SPECCHIASOL
111. SUN PHARMA ITALIA
112. SUNSTAR
113. STEVE JONES
114. TEVA
115. THERAMEX
116. TILLOMED
117. UCB PHARMA
118. UNIFARCO
119. VIIV HEALTHCARE
120. WELCARE INDUSTRIES
121. ZAMBON
122. ZENTIVA
123. ZOETIS

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SYNDICATED  
HEALTHCARE  
COMPANIES

# WHO

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## SYNDICATED WHOLESALE

1. AFM AREZZO
2. ALLIANCE HEALTHCARE IT
3. BRANDO
4. C.D.F.
5. C.E.F.
6. CE.DI.FAR
7. CIAM
8. CLUB SALUTE
9. COFARDIS
10. COMIFAR DISTRIBUZIONE
11. COROFAR SOC. COOP.
12. COROFAR DISTRIBUZIONE
13. D.M. BARONE
14. D.P. FARMA
15. DEMAS
16. DI.FAR
17. DIFARMA
18. DR MAX ITALIA
19. EFARMA GROUP
20. EUFARMA
21. FARLA
22. FARM.ALARICO
23. FARMACA
24. FARMACENTRO S&L
25. FARMAC. TIFERNATE
26. FARMACEUTICI S.V.I.M.A.
27. FARMACIA NUOVA
28. FARMACIE CELESIA
29. FARMACIE NARDONE
30. FARMACIE PIÙ
31. FARMACISTI PIÙ RINALDI
32. FARMAHEALTH
33. FARMALVARION
34. FARVIMA MEDICINALI
35. FCR (RE)
36. FEDERFARMACO
37. GALATINAMED
38. GSM
39. GUACCI
40. LA FARMACEUTICA
41. LA ZOOTECNICA GROUP
42. LOGISAN
43. NEWCOTAFARTI
44. RAVENNA FARMACIE
45. RE ROBERTO
46. RICCOBONO
47. ROESSLER
48. SAFAR DISTRIBUZIONE
49. SICIL ZOOTECNICA
50. SO.FARMA.MORRA
51. SOFAD
52. TISSUELAB
53. UFM
54. UNICO
55. UNIFARM
56. UNIFARM SARDEGNA
57. UNIFARMA DISTRIB.
58. UNIONE FARMACISTI LIGURI
59. V.I.M.
60. VIM OTTAVIANI
61. VIPROF
62. ZAMENIS

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## SYNDICATED 3PL & WAREHOUSES

1. ALLOGA
2. BOMI ITALIA
3. CHIAPPAROLI
4. CPS FARMACEUTICI
5. DHL SUPPLY CHAIN
6. ESSERS ITALIA
7. FARMOS
8. FARMACIA SANTA CATERINA
9. FIGLI DI L. ORLANDI
10. GRAMMA FARMACEUTICI
11. INTERFARMAC
12. NUOVA GIERRE
13. PHARMAIDEA
14. STM PHARMA PRO
15. XCM HEALTHCARE
16. XPO SUPPLY CHAIN

# WHY

## technological skills

*born from the need to promote the **digitization** of order cycle processes among **Healthcare supply chain** actors*

**holistic vision**

## THE HEALTHCARE COMMUNITY

*today we are the **partner** for the introduction of digital **innovations** and supply chain **governance***

**community**

**point of reference**

**independent**

# WHAT



Fully integrated and dedicated services for all Ecosystem actors

MEETINGS WEBINAR  
**CONDAFNE EDUCATION** EDUCATION  
NEWSLETTER

SEMINAR  
WORKSHOP

WHITEPAPER

**INDUSTRY PROJECT**

TECHNICAL COMMITTEE DATA INSTITUTIONAL  
BASES WORKGROUPS

**VALUE ADDED SERVICES**

BUSINESS INTELLIGENCE DATA ANALYSIS  
DIGITAL ARCHIVING  
ELECTRONIC INVOICE

DATA ANALYSIS

SMART PORTAL  
OPTIMIZATION

BUSINESS

**CONDAFNE PLATFORM**

RETAIL HOSPITAL ORDERS  
INVOICES  
SHIPPING PROOF OF NOTES DELIVERY

# 2018 ITALIAN BUDGET LAW – PAR. 411-415

## ORDERING

## EXECUTION

411. In order to promote the efficiency and transparency of the public administration's supply system, the **issuance, transmission, storage and archiving of documents certifying the ordering and execution of purchases of goods and services must be carried out in electronic form** To this end, without prejudice to the provisions of paragraphs 412, 413 and 414, by decrees of the Minister of Economy and Finance, after consulting the Agency for Digital Italy (AGID), in agreement with the Unified Conference, specific regulations are adopted to regulate the technical procedures and the dates of entry into force of the mandatory procedures for sending the aforementioned documentation in electronic form.



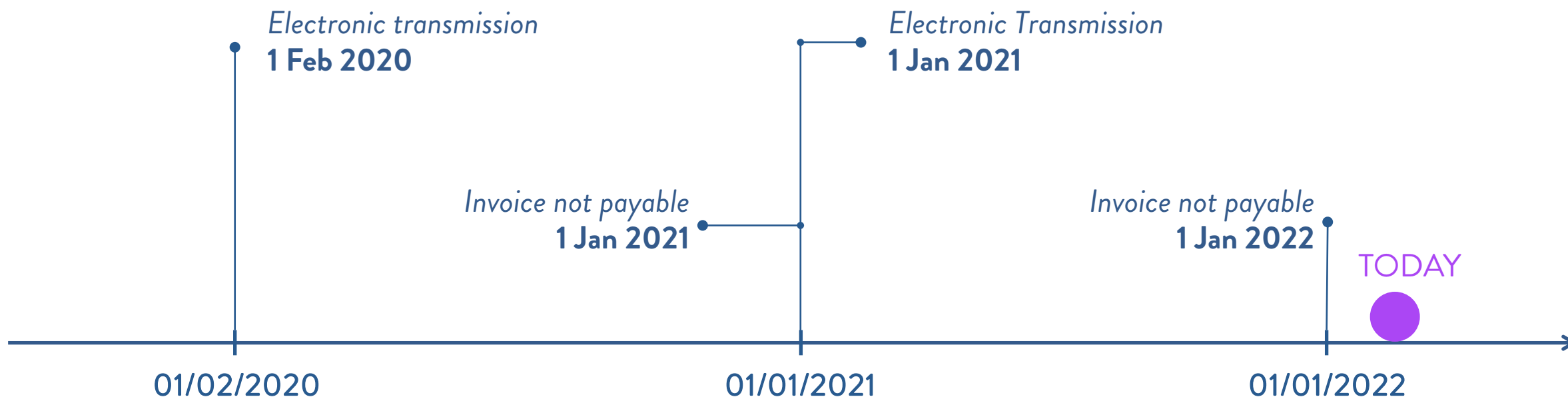
# KEY TIMELINE



ALL NATIONAL HEALTH SERVICE ENTITIES MUST USE NSO NODE FOR SENDING GOODS AND SERVICES ORDERS TO ALL SUPPLIERS

## GOODS

## SERVICES





# DIGITAL ORDER NSO: KEY NUMBERS @ 31 JAN 2022

	Febbraio - Dicembre 2020	Gennaio - Giugno 2021	Luglio Agosto Settembre 2021	Ottobre Novembre 2021	Dicembre 2021	Gennaio 2022
<b>Documenti pervenuti a NSO</b>	<b>4.926.765</b>	<b>3.639.962</b>	<b>1.705.674</b>	<b>1.349.617</b>	<b>624.116</b>	<b>692.091</b>
- Media giornaliera (giorni feriali)	20.788	28.889	25.844	32.134	28.369	34.605
<b>Documenti scartatati</b>	<b>96.101</b>	<b>41.480</b>	<b>9.067</b>	<b>6.768</b>	<b>2.938</b>	<b>3.587</b>
<b>Documenti validati</b>	<b>4.830.664</b> 98,05%	<b>3.598.482</b> 98,86%	<b>1.696.607</b> 99,47%	<b>1.342.849</b> 99,50%	<b>621.178</b> 99,53%	<b>688.504</b> 99,48%
- Scenari di trasmissione	<b>4.386.173</b>	<b>3.275.913</b>	<b>1.533.156</b>	<b>1.217.038</b>	<b>561.489</b>	<b>626.069</b>
- verso Destinatari NSO	<b>2.003.710</b>	<b>1.697.591</b>	<b>802.273</b>	<b>646.007</b>	<b>307.476</b>	<b>327.488</b>
di cui consegnati	1.987.232 99,18%	1.673.647 98,59%	797.807 99,44%	636.839 98,58%	305.225 99,27%	325.794 99,48%
- verso Destinatari PEPPOL	<b>2.382.463</b>	<b>1.578.322</b>	<b>730.883</b>	<b>571.031</b>	<b>254.013</b>	<b>298.581</b>
di cui consegnati	2.336.406 98,07%	1.562.369 98,99%	727.593 99,55%	563.957 98,76%	250.851 98,76%	295.832 99,08%
- Scenari di validazione (rete PEPPOL)	<b>444.491</b>	<b>322.569</b>	<b>163.451</b>	<b>125.811</b>	<b>59.689</b>	<b>62.435</b>

**12.777.900**  
Total orders validated by NSO

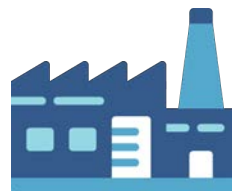
**6.993.523**  
Orders on eDelivery Network

**54,7%** of total orders

# DIGITAL ORDER NSO: KEY NUMBERS @ 31 JAN 2022



**234**  
Public Entities  
Issuers



**148**  
Suppliers  
Syndicated, registered on DAFNE  
AP (managed by Intesa)



**3.277.2200**  
Orders on eDeliv. Net.

**46,9%** of total orders  
on eDeliv. Net.

**25,6%** of total orders

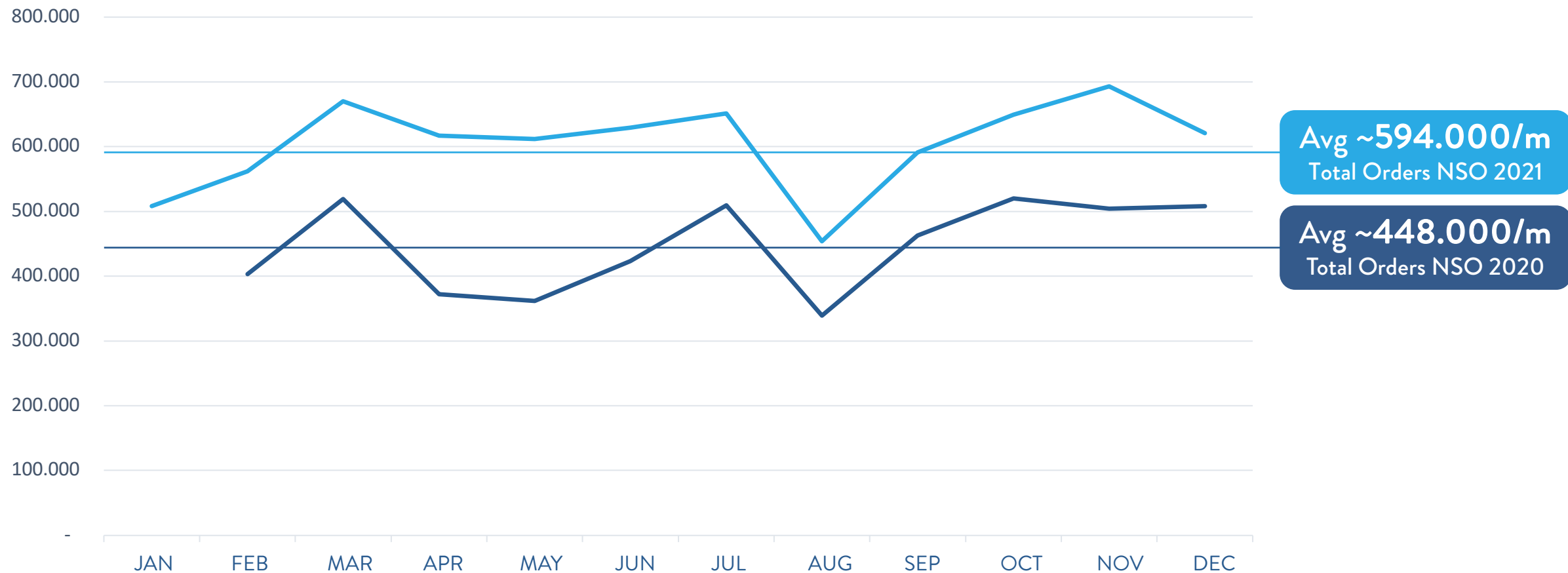
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**6.993.523**  
Orders on eDelivery Network

**54,7%** of total  
orders



# DIGITAL ORDER NSO: 2020 vs 2021



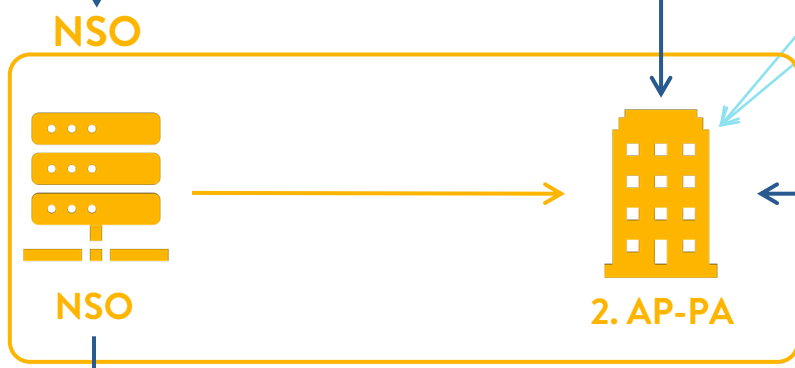
# HIGH LEVEL ARCHITECTURE



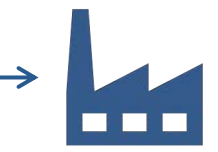
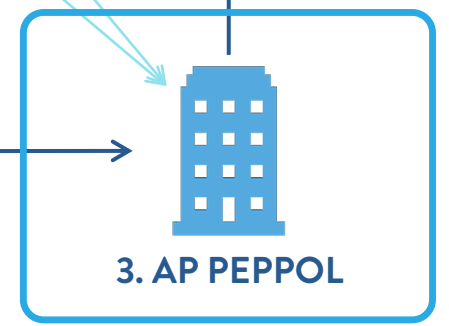
1B. PUBLIC HOSPITAL  
with ParticipantID



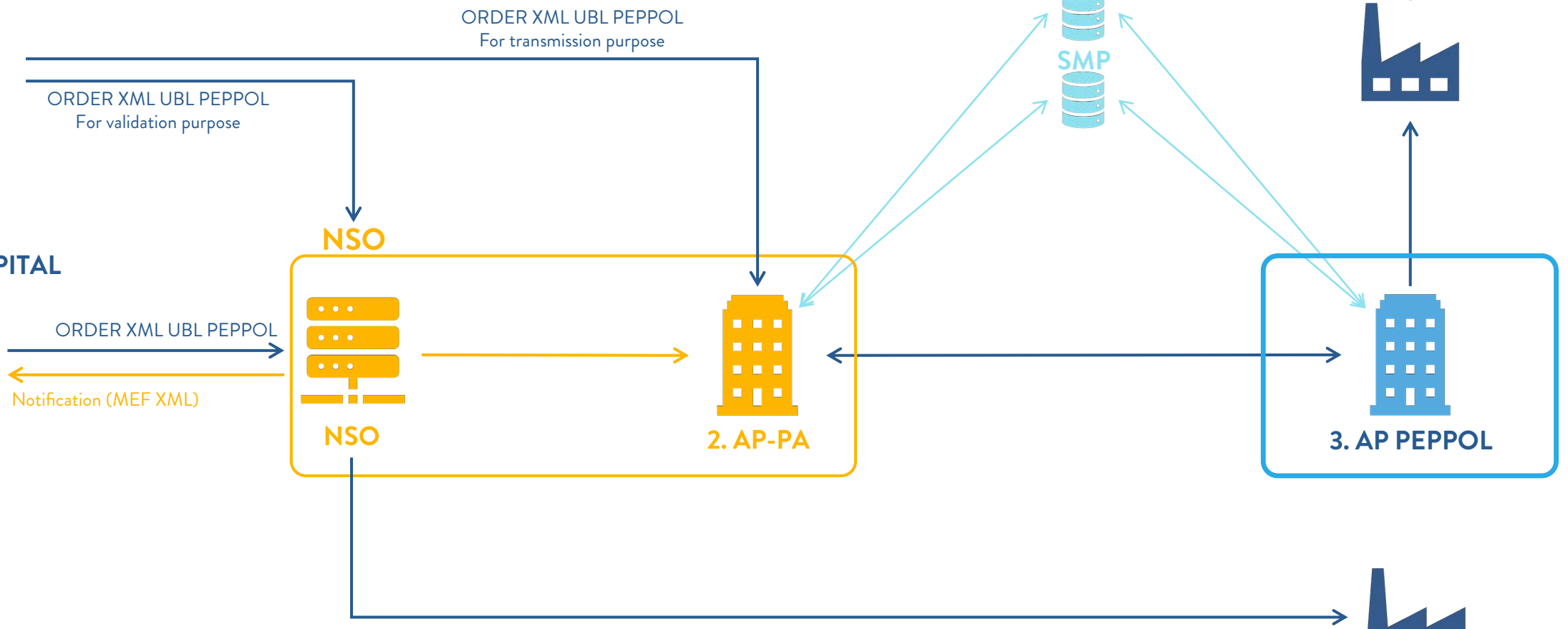
1. PUBLIC HOSPITAL



4A. SUPPLIER with  
ParticipantID

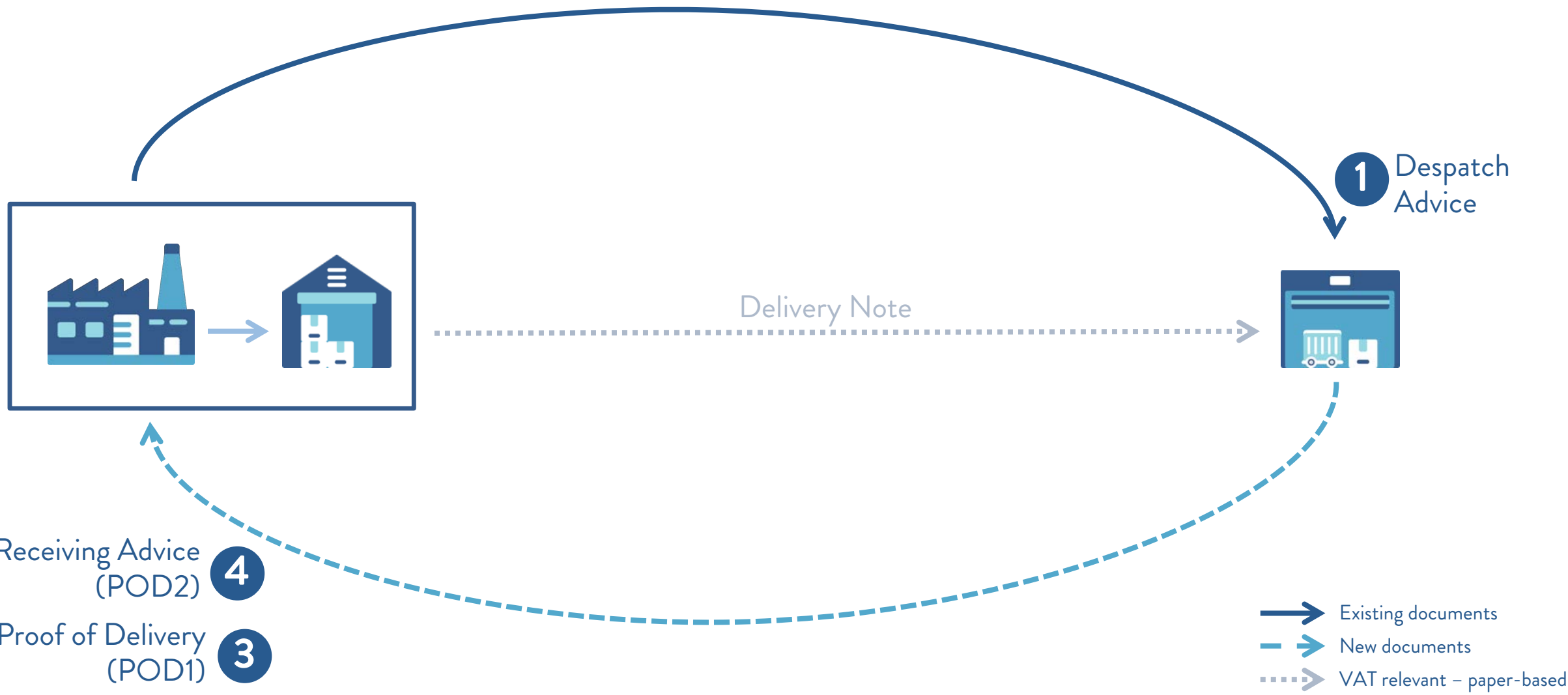


4B. SUPPLIER





# BEYOND ORDERING: THE EXECUTION





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