



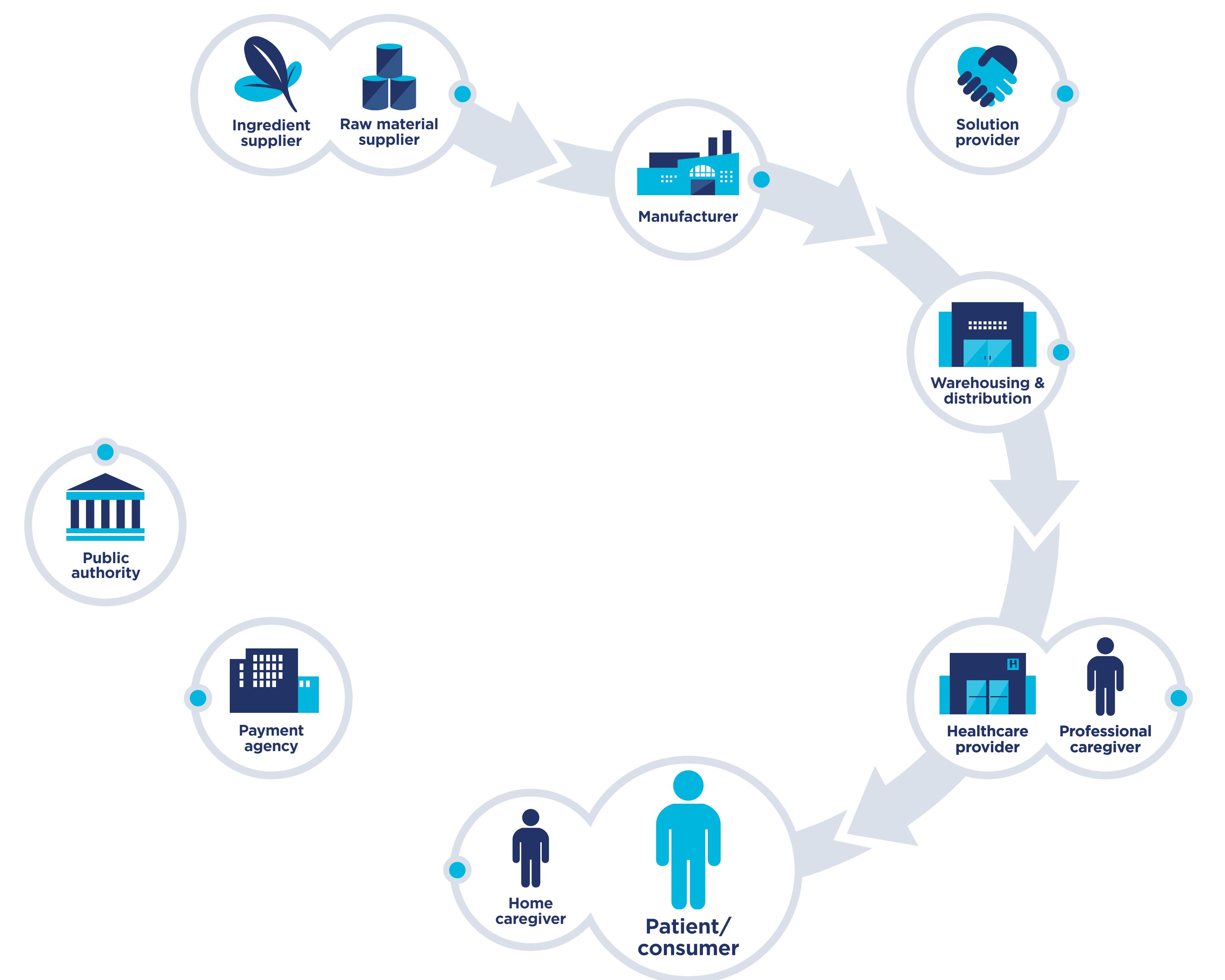
GS1 enables healthcare's digital thread

#### Processes

- Physical flow ⊕
- Patient data
- Transactional data ⊕
- Reimbursement

#### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive





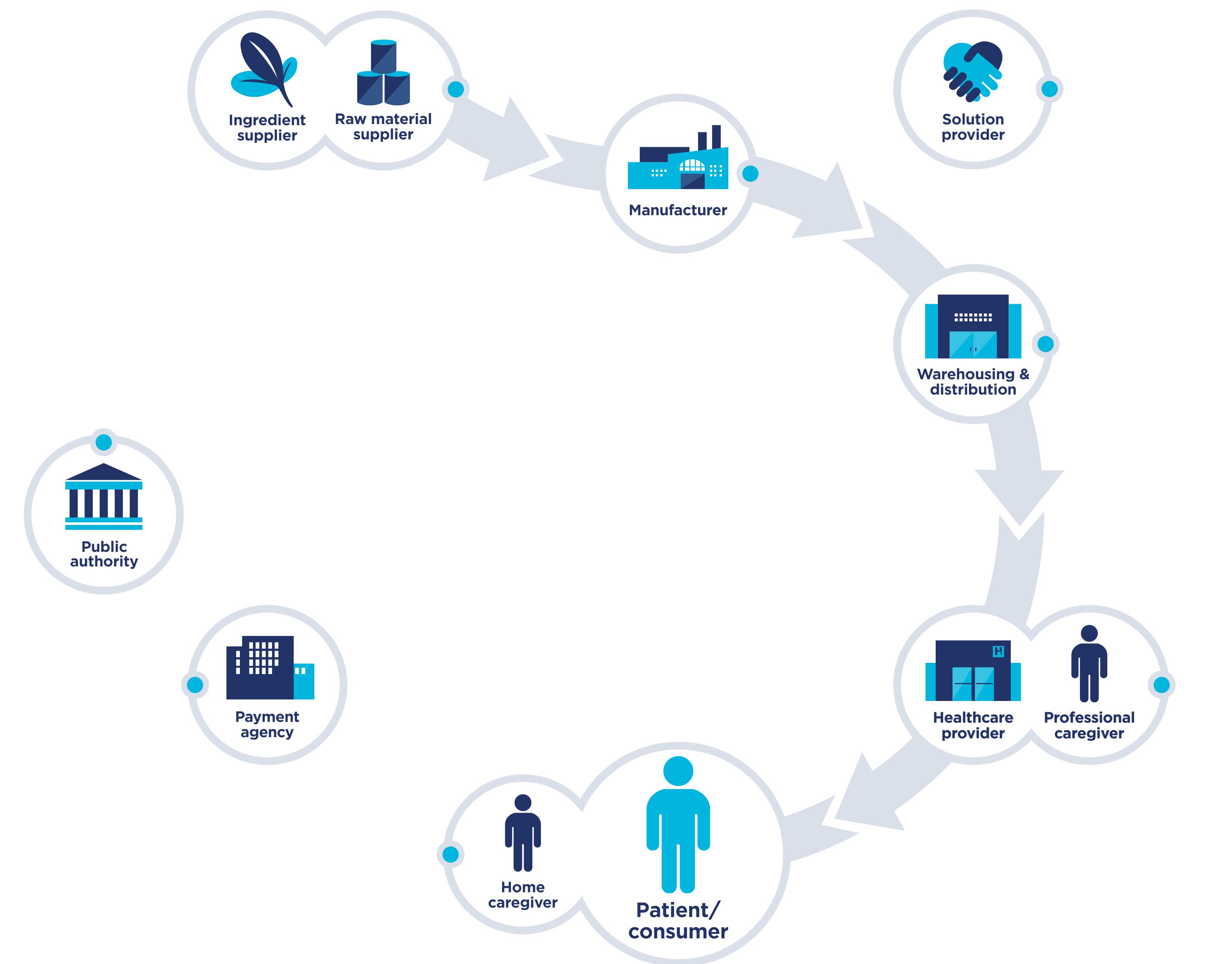
GS1 enables healthcare's digital thread

#### Processes

- Physical flow
- Supply chain
- Product recall
- Patient data
- Transactional data
- Reimbursement

#### Strategies

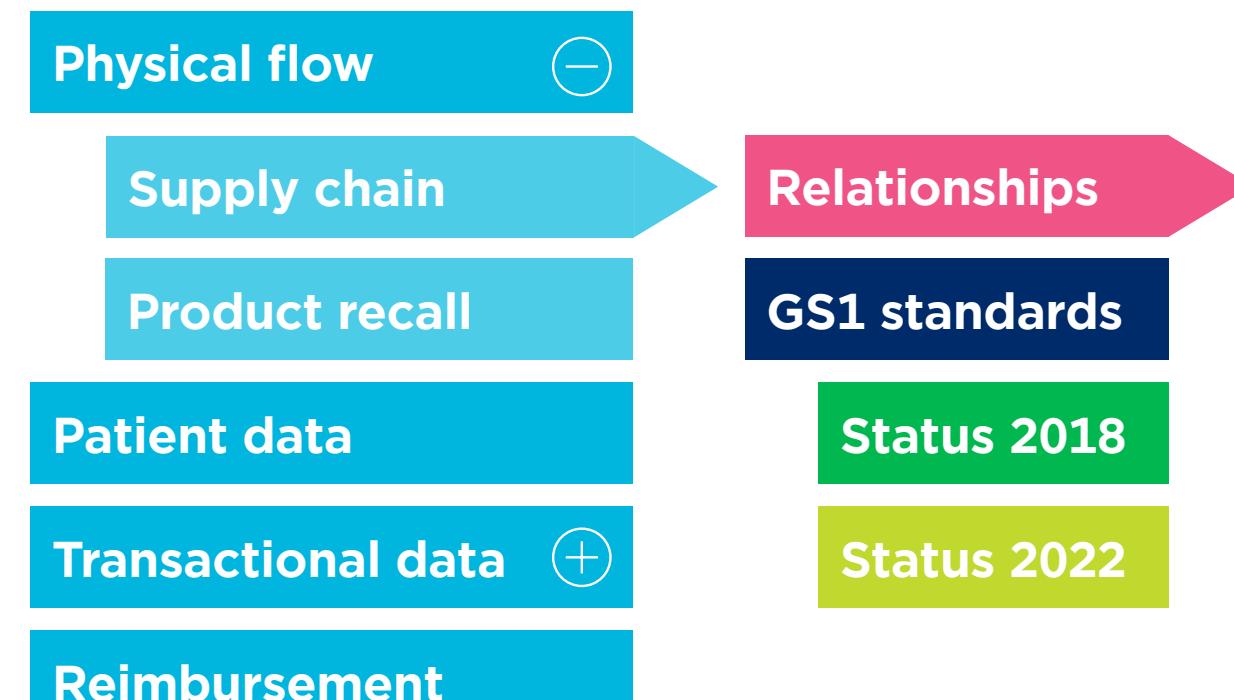
- Current business
- Patient/provider
- Disruptive



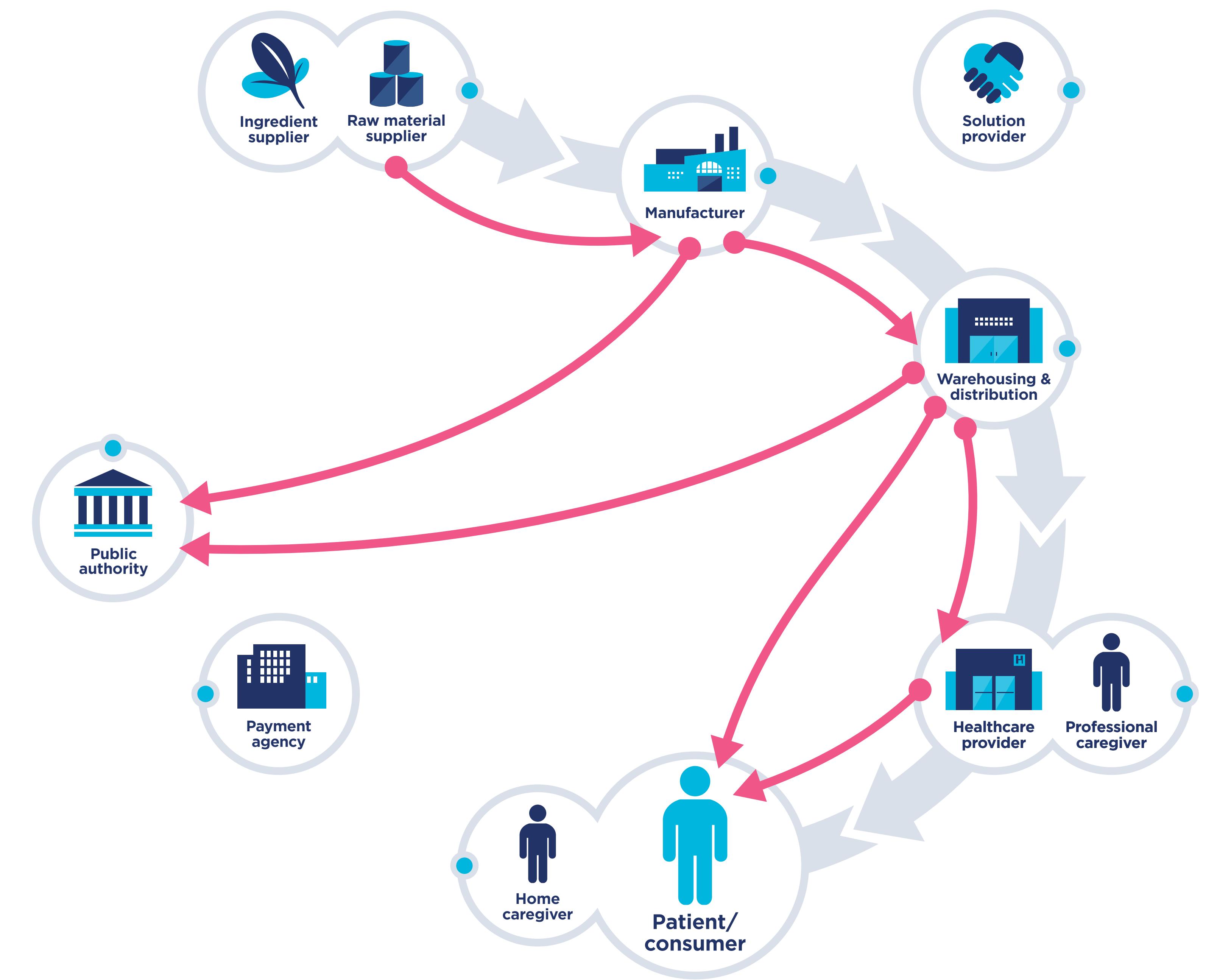
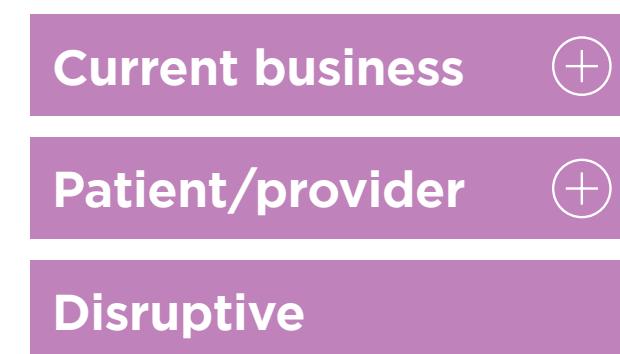


GS1 enables healthcare's digital thread

#### Processes



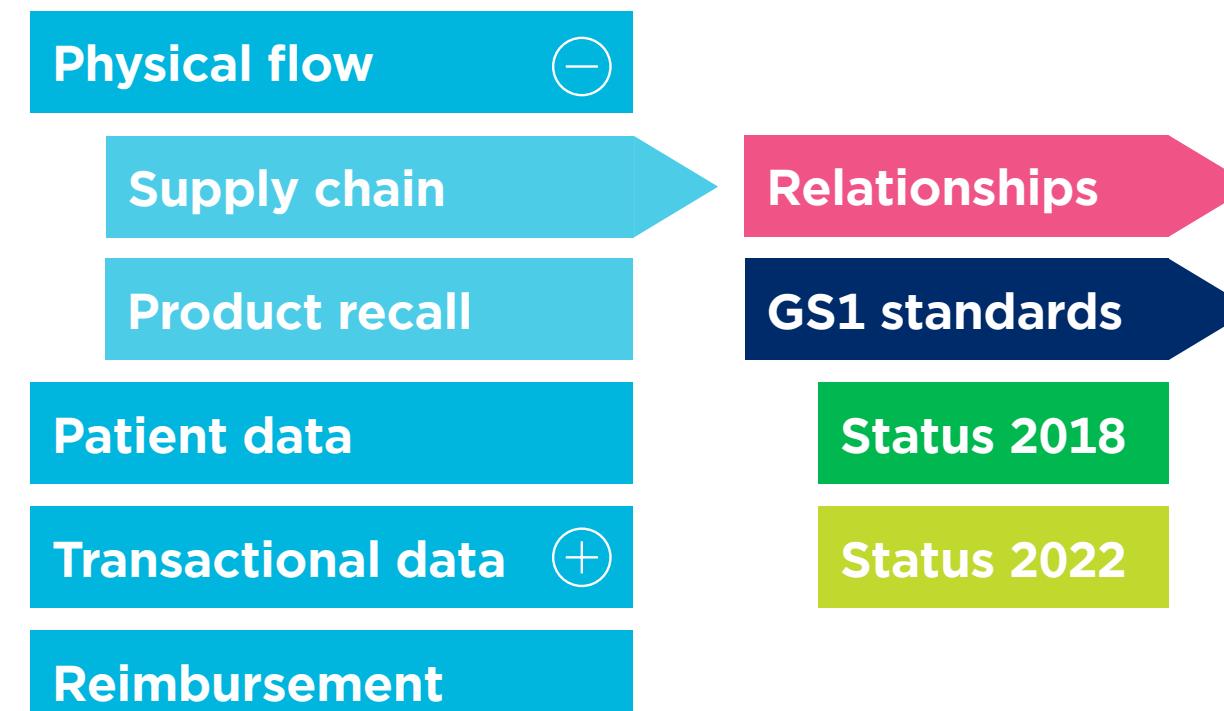
#### Strategies



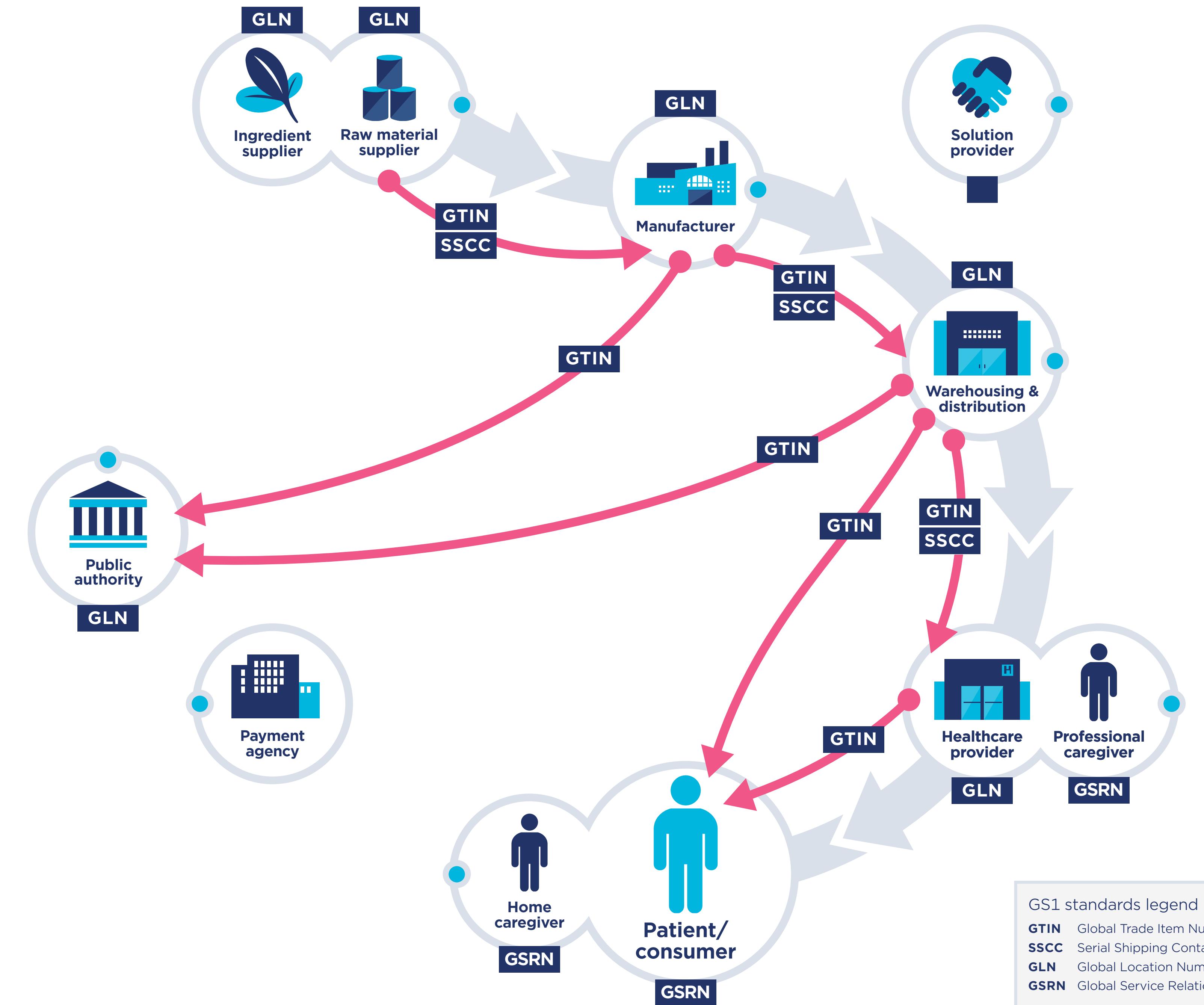
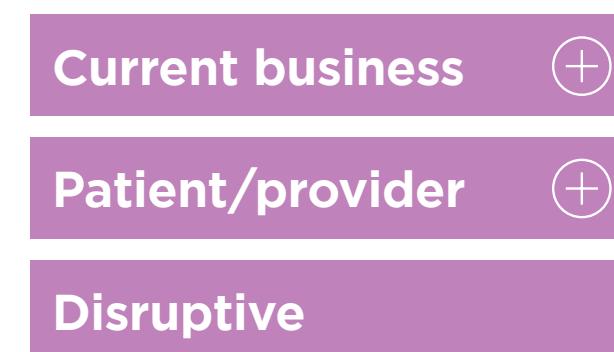


GS1 enables healthcare's digital thread

#### Processes



#### Strategies



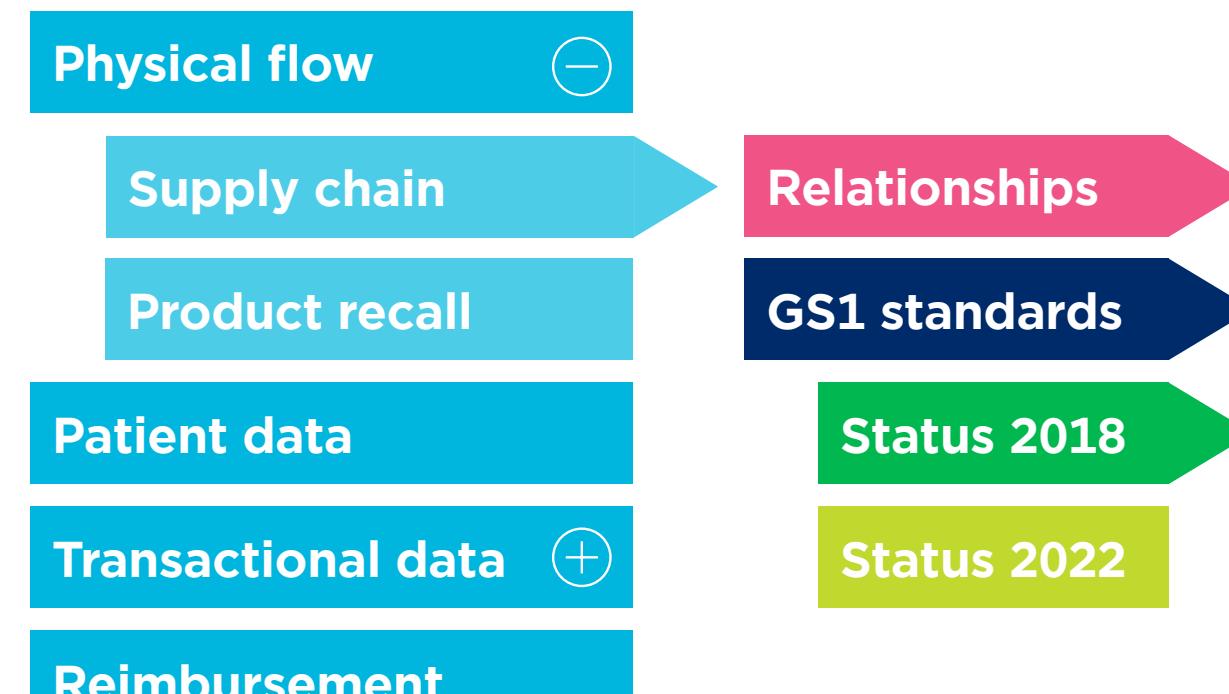
GS1 standards legend

<b>GTIN</b>	Global Trade Item Number
<b>SSCC</b>	Serial Shipping Container Code
<b>GLN</b>	Global Location Number
<b>GSRN</b>	Global Service Relation Number

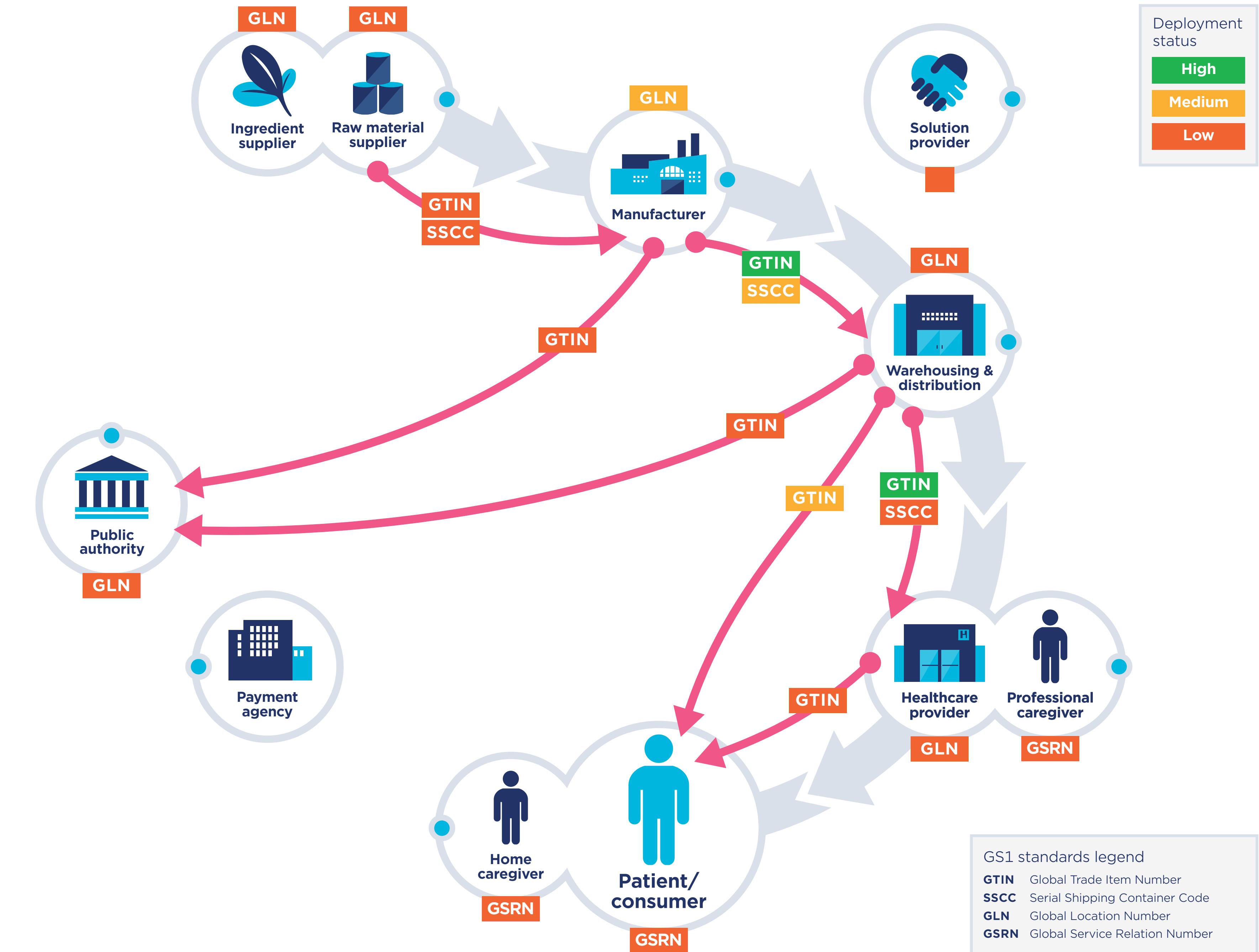
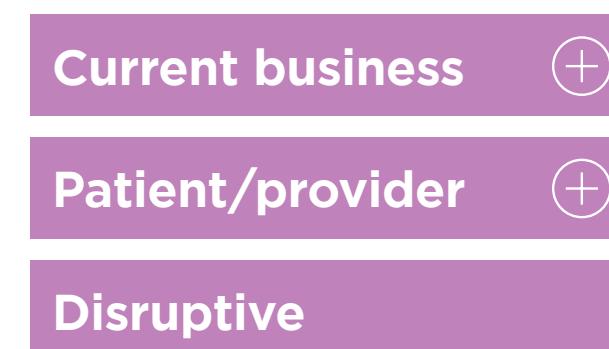


## GS1 enables healthcare's digital thread

### Processes



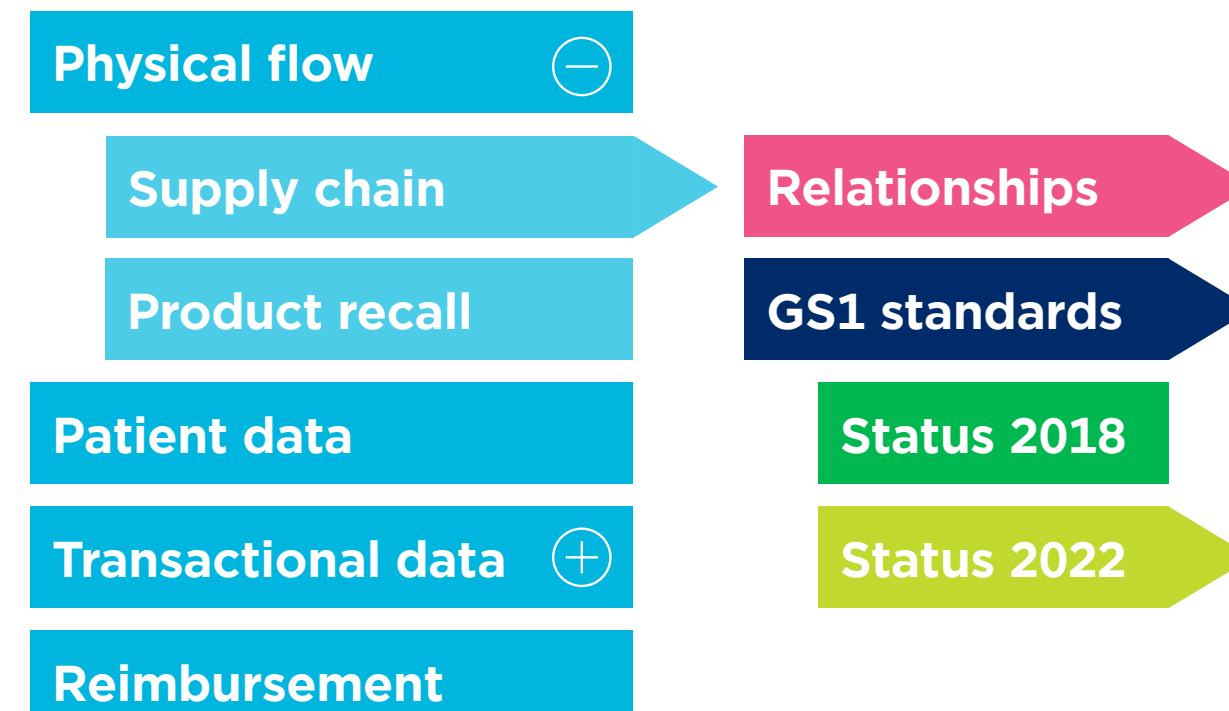
### Strategies



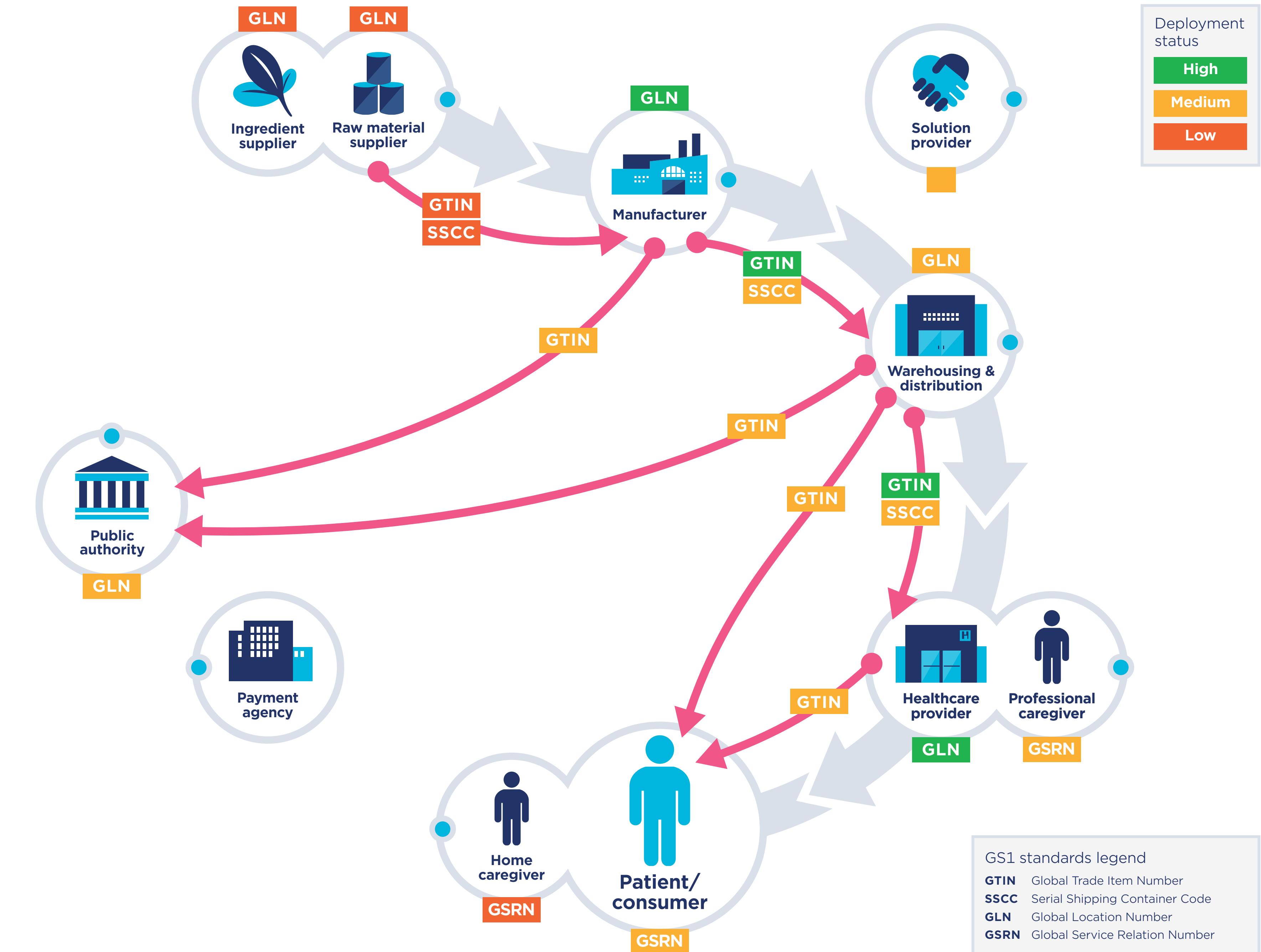


## GS1 enables healthcare's digital thread

### Processes



### Strategies





GS1 enables healthcare's digital thread

#### Processes

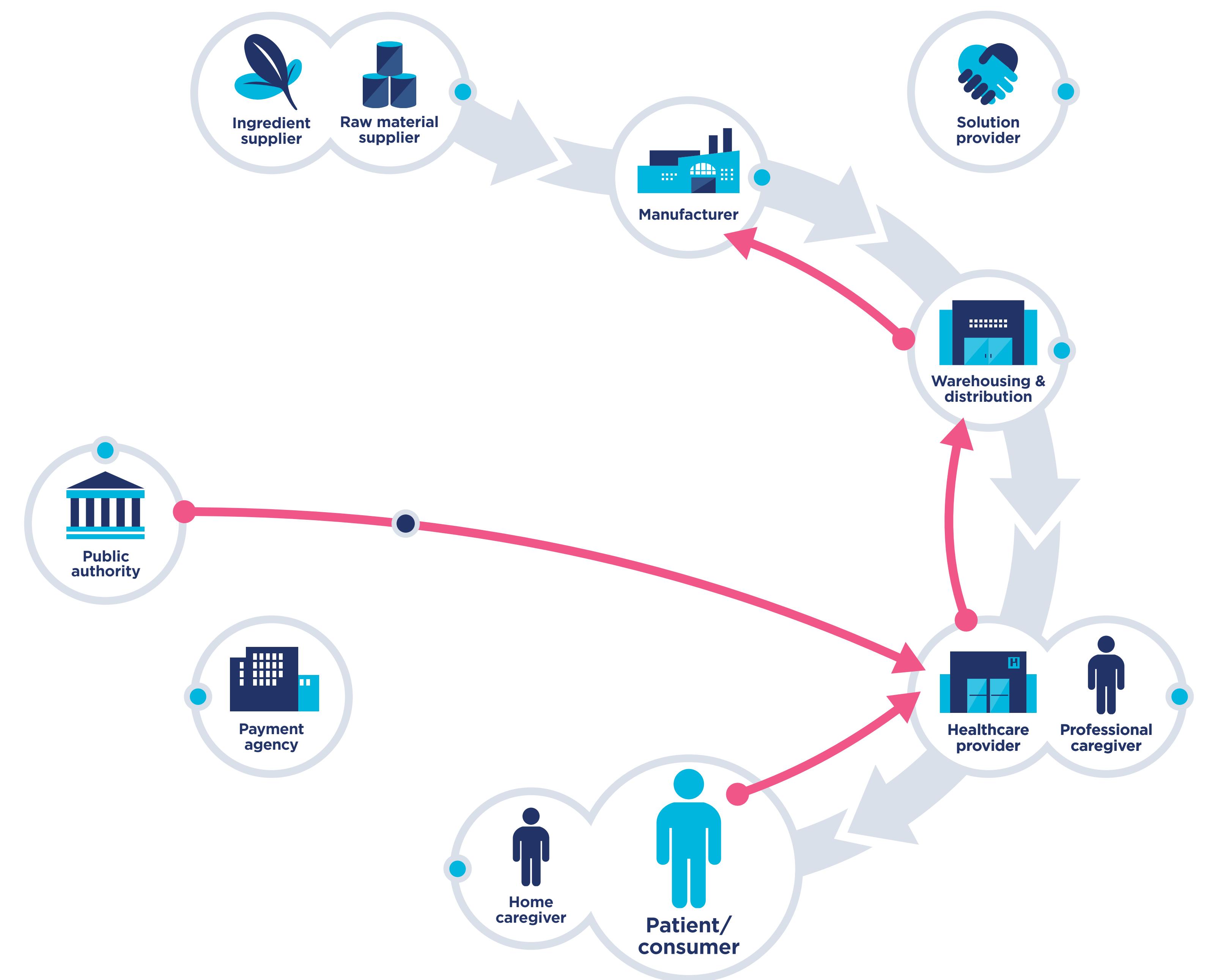
Physical flow	⊖
Supply chain	
Product recall	↗ Relationships
Patient data	
Transactional data	⊕
Reimbursement	

#### GS1 standards

Status 2018
Status 2022

#### Strategies

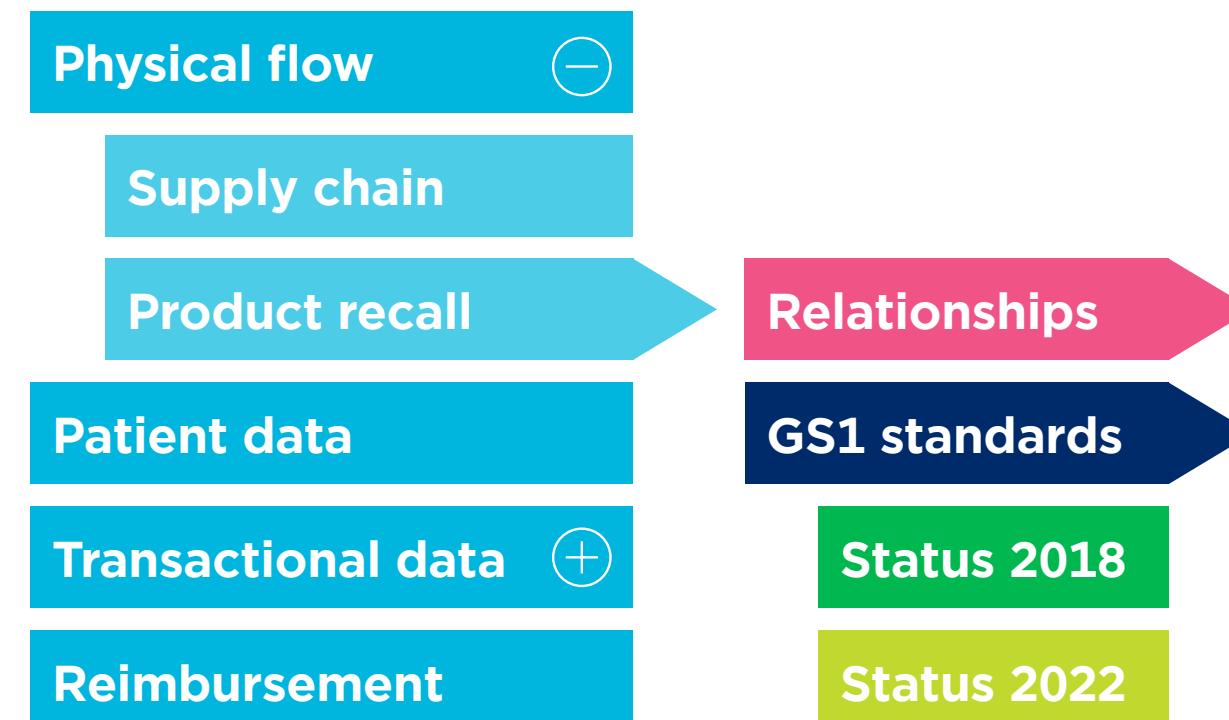
Current business	⊕
Patient/provider	⊕
Disruptive	



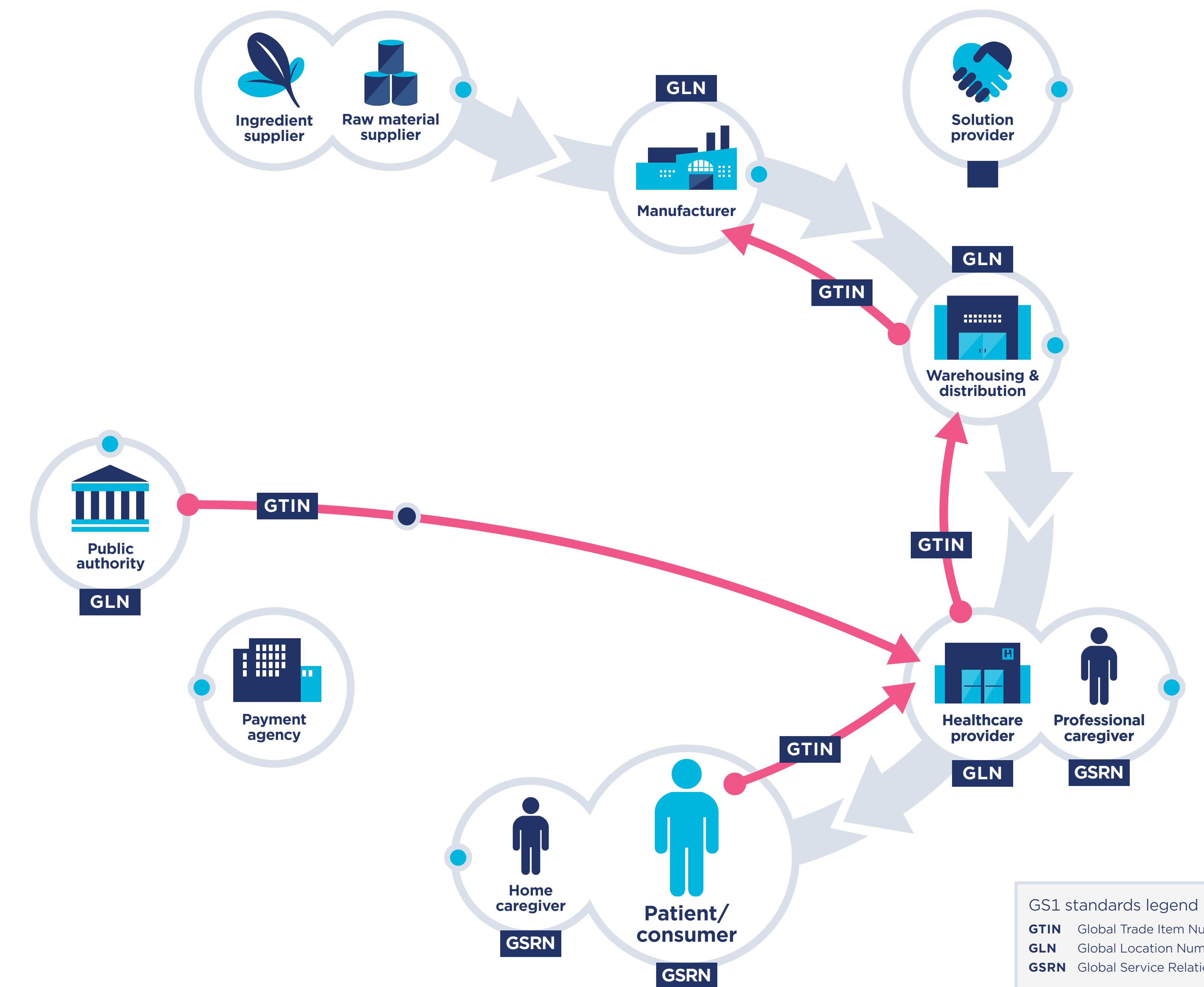


GS1 enables healthcare's digital thread

#### Processes



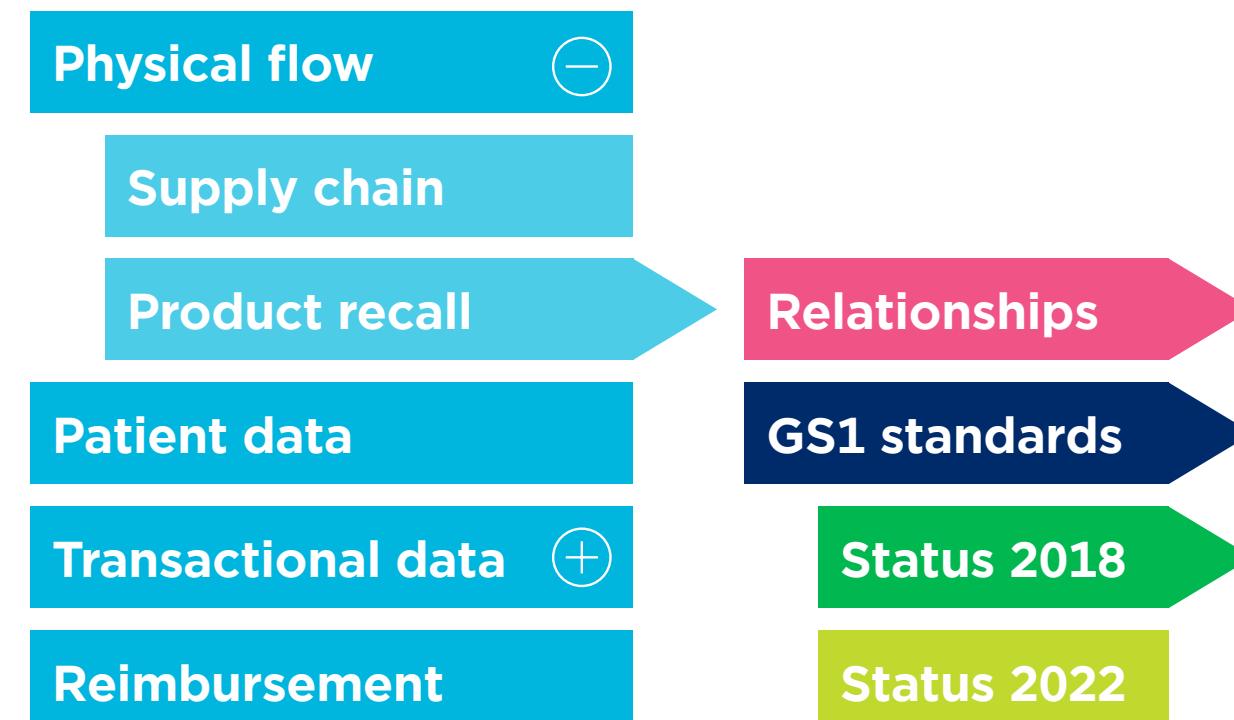
#### Strategies



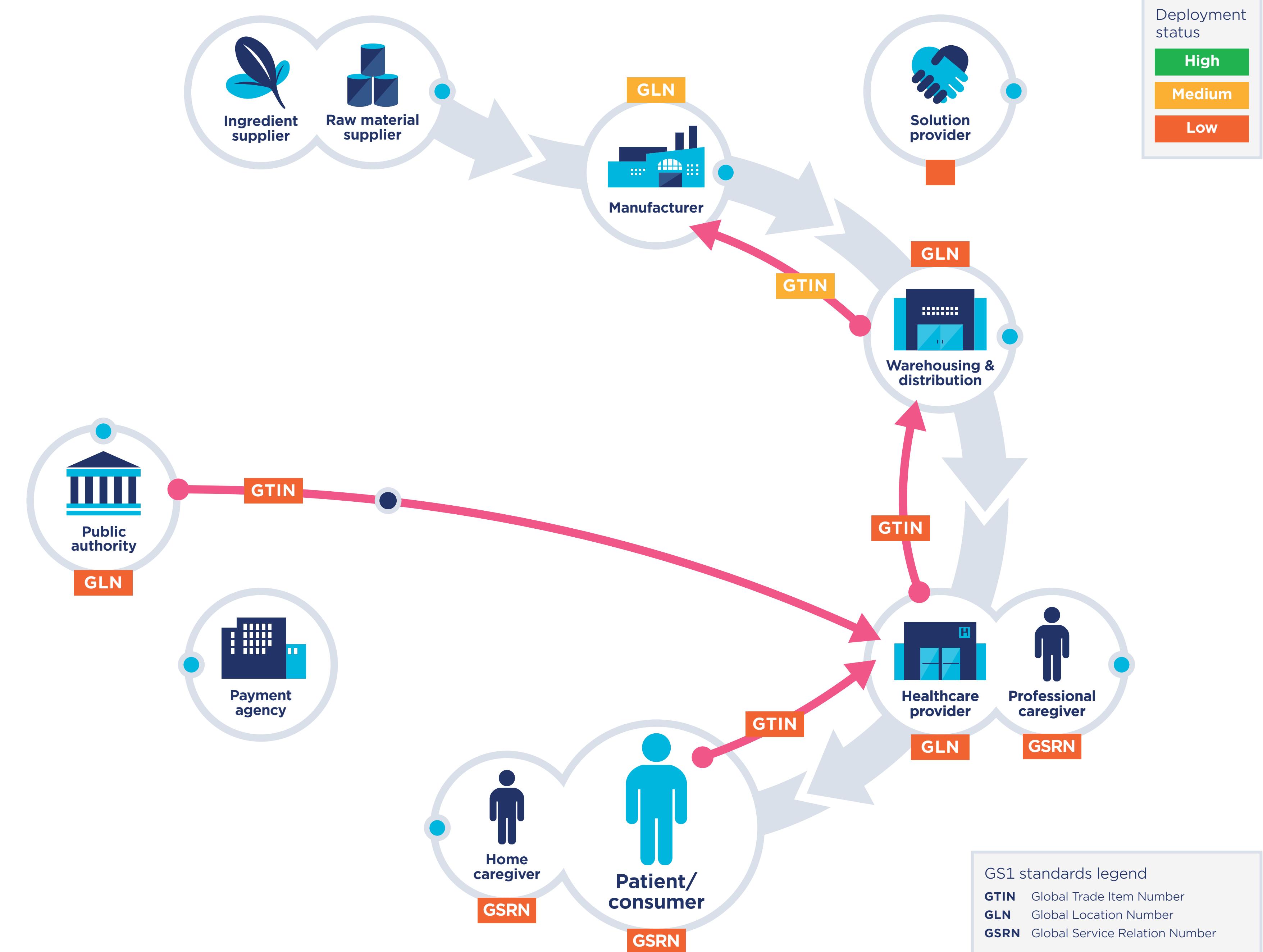


GS1 enables healthcare's digital thread

#### Processes



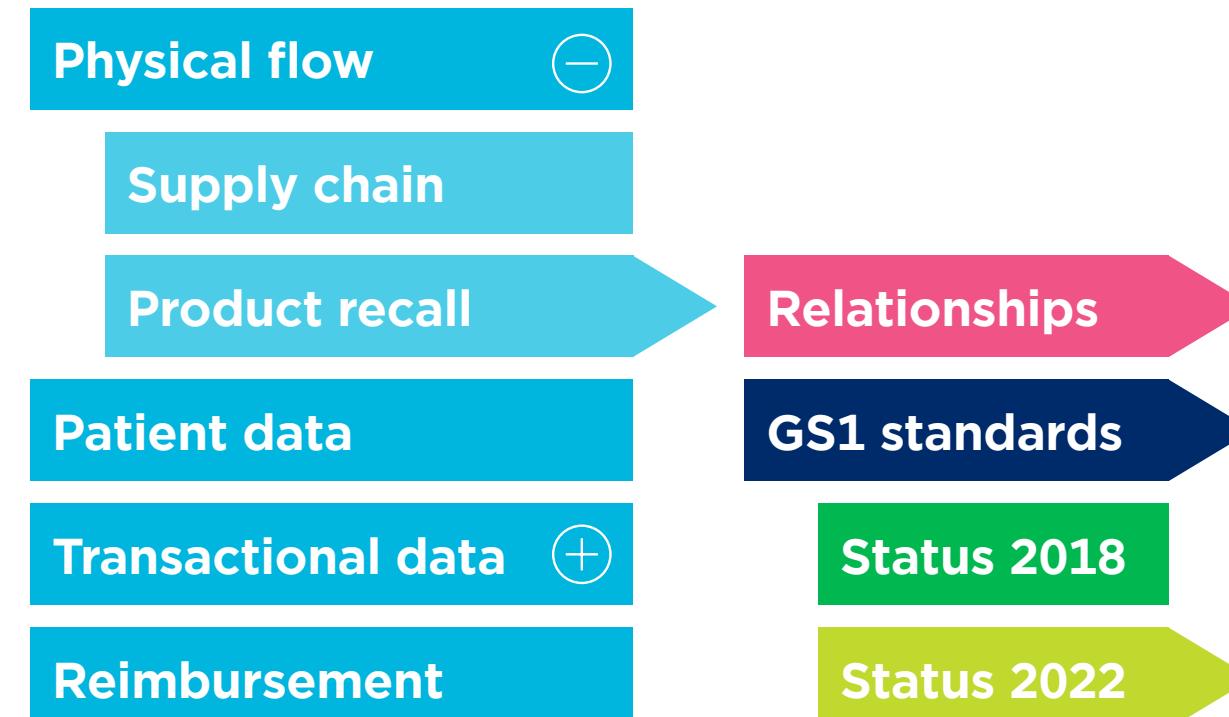
#### Strategies



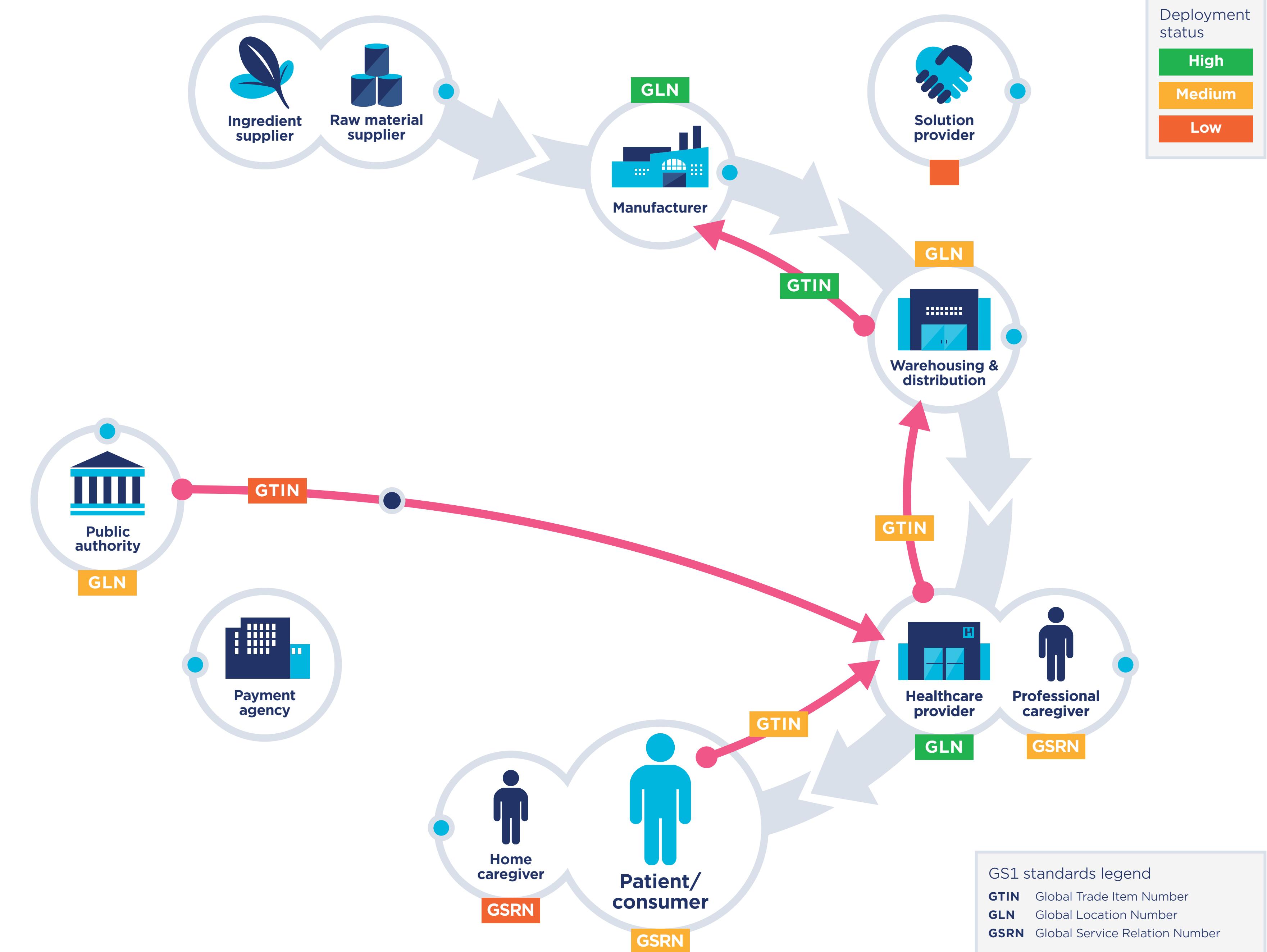
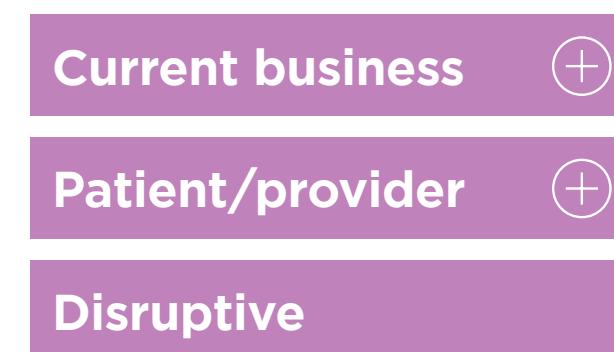


GS1 enables healthcare's digital thread

#### Processes



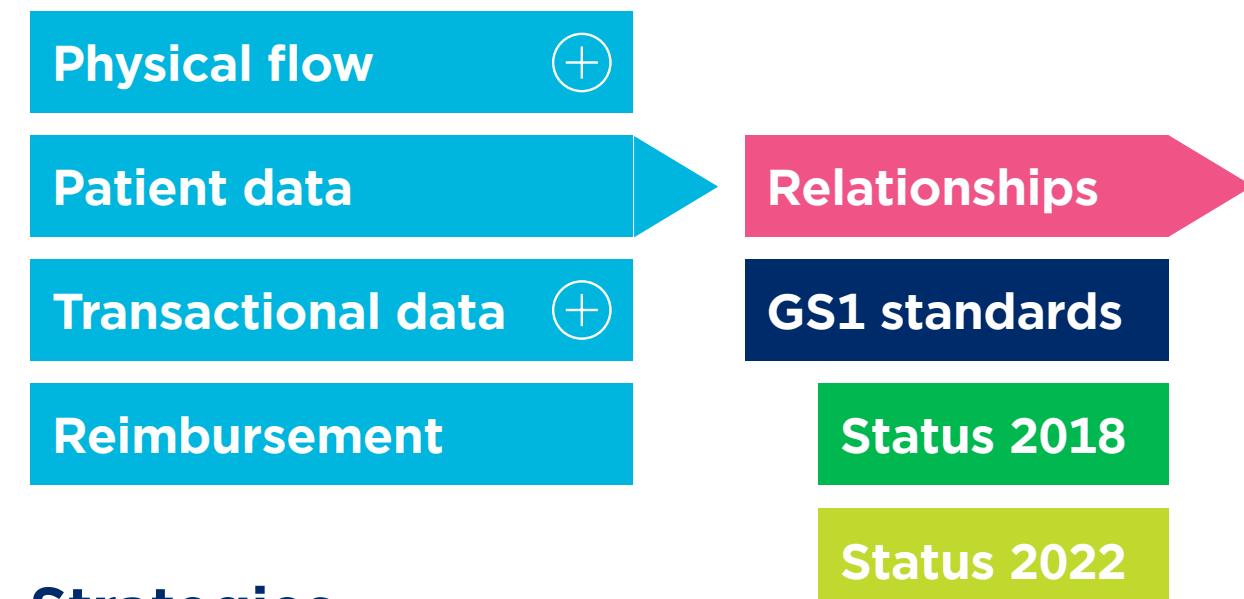
#### Strategies



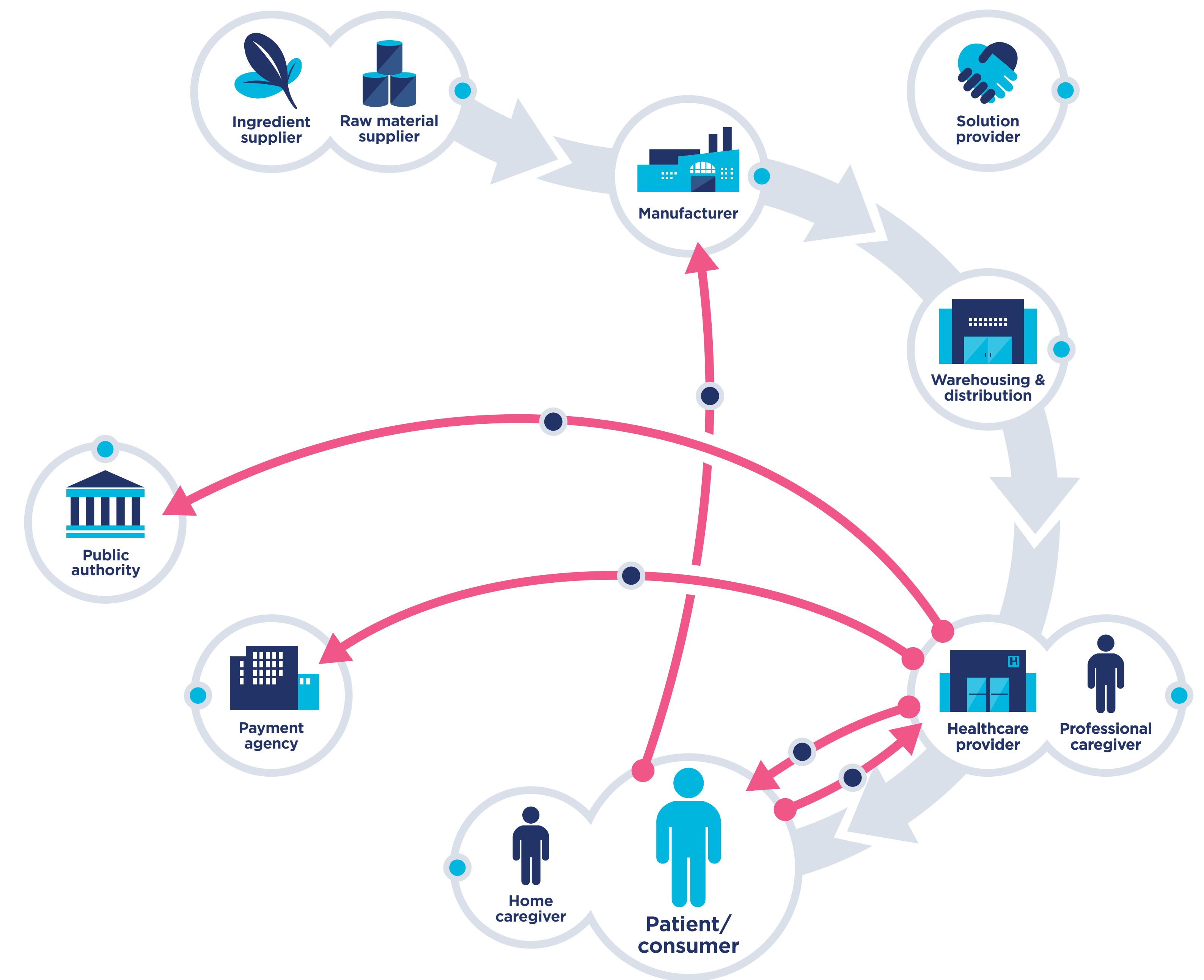


GS1 enables healthcare's digital thread

#### Processes



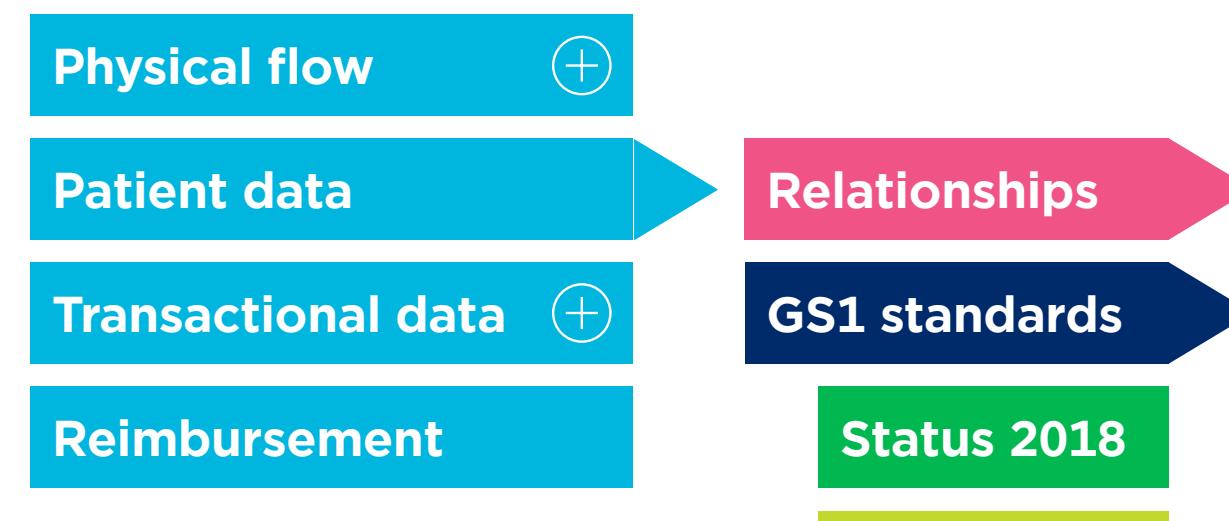
#### Strategies



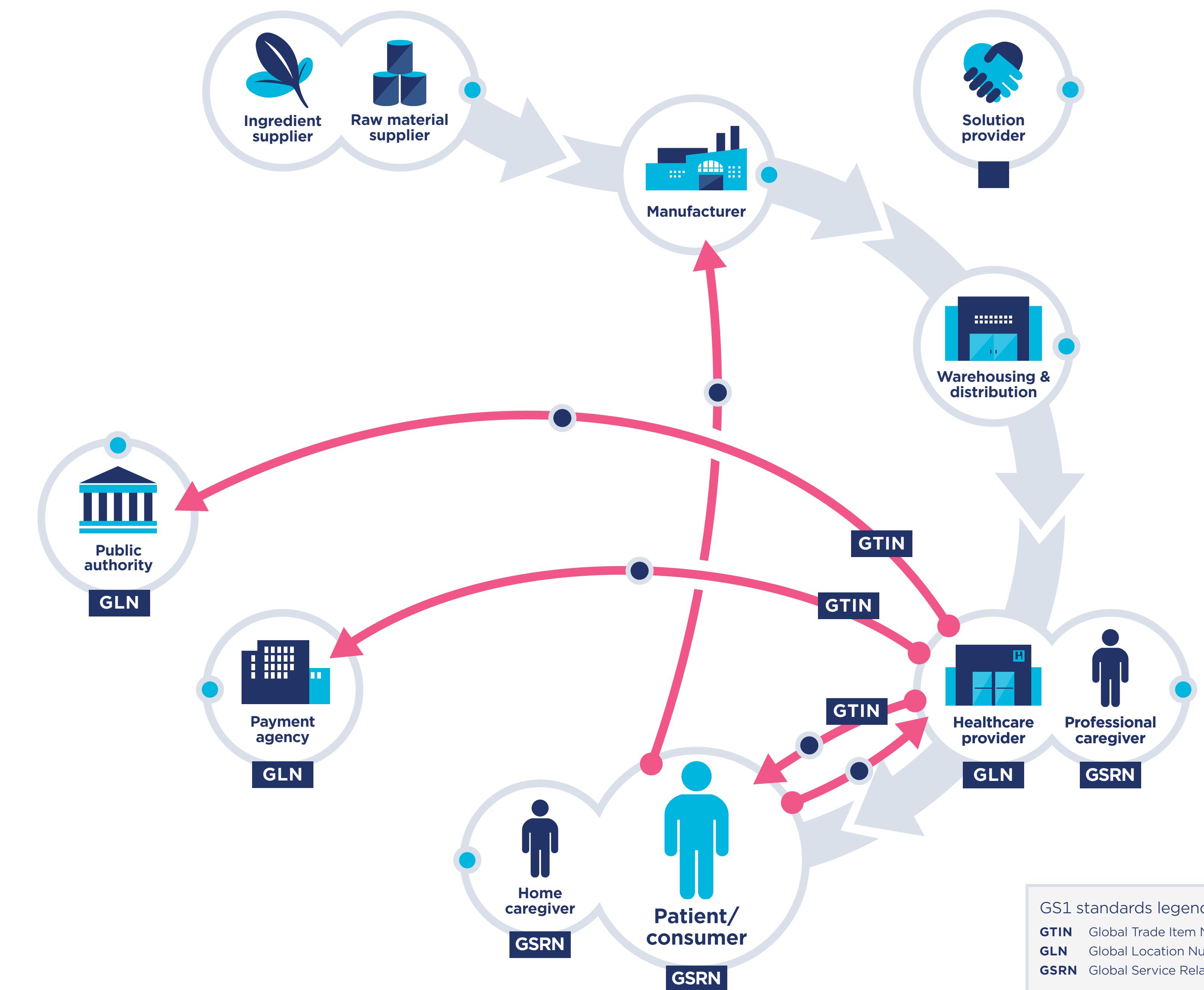


GS1 enables healthcare's digital thread

#### Processes



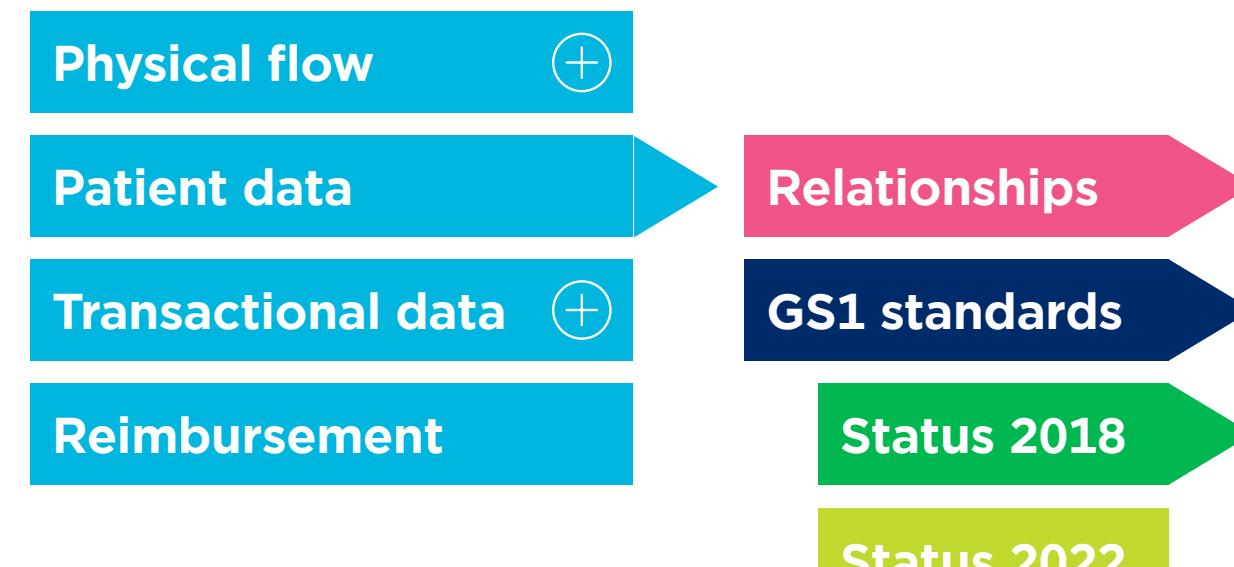
#### Strategies



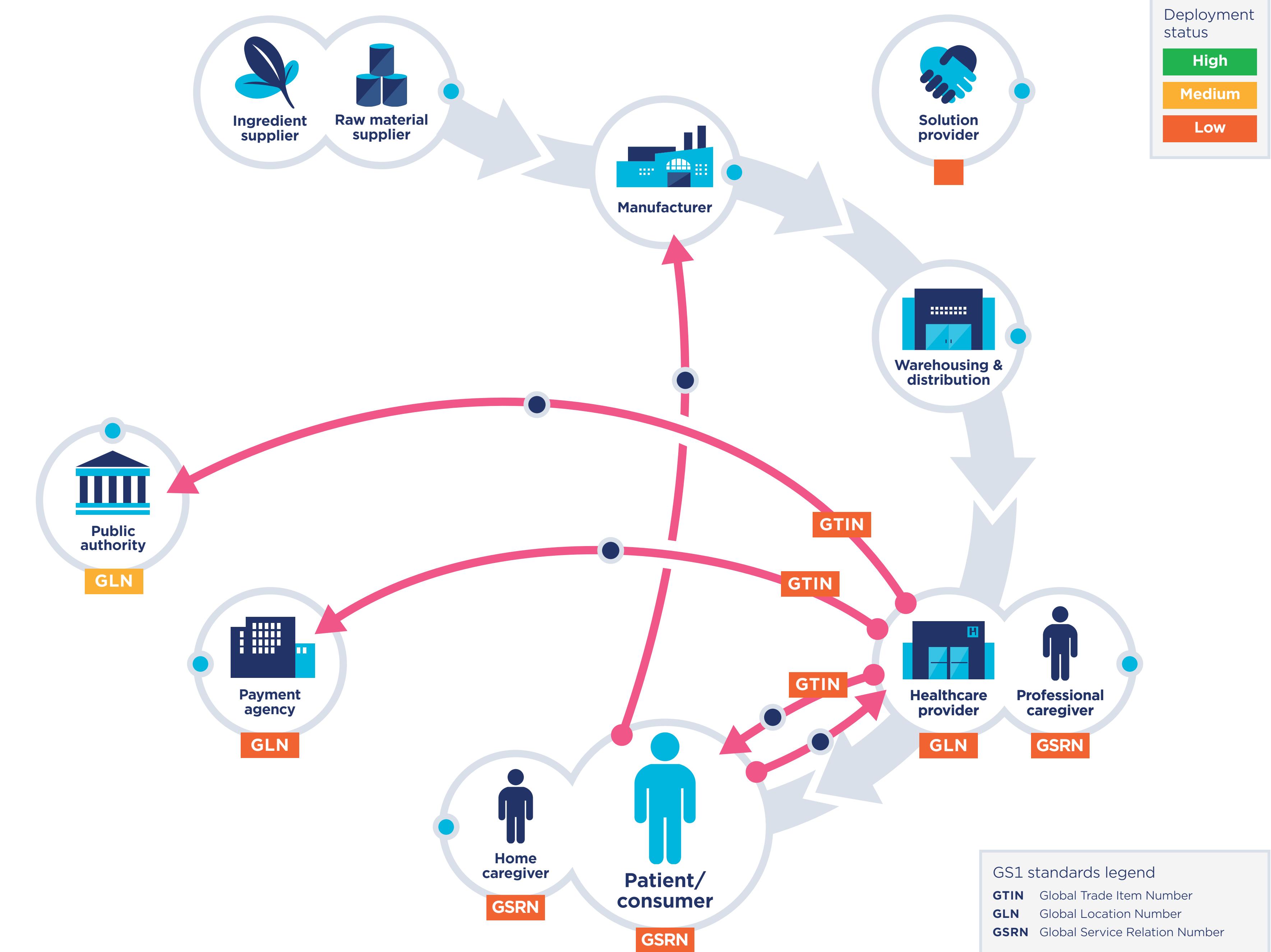


## GS1 enables healthcare's digital thread

### Processes



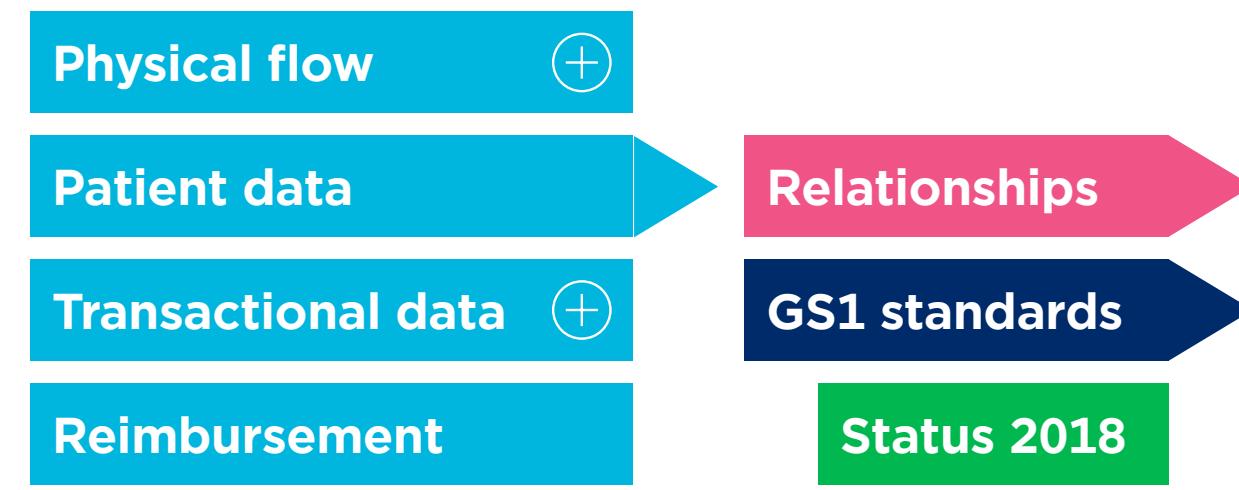
### Strategies



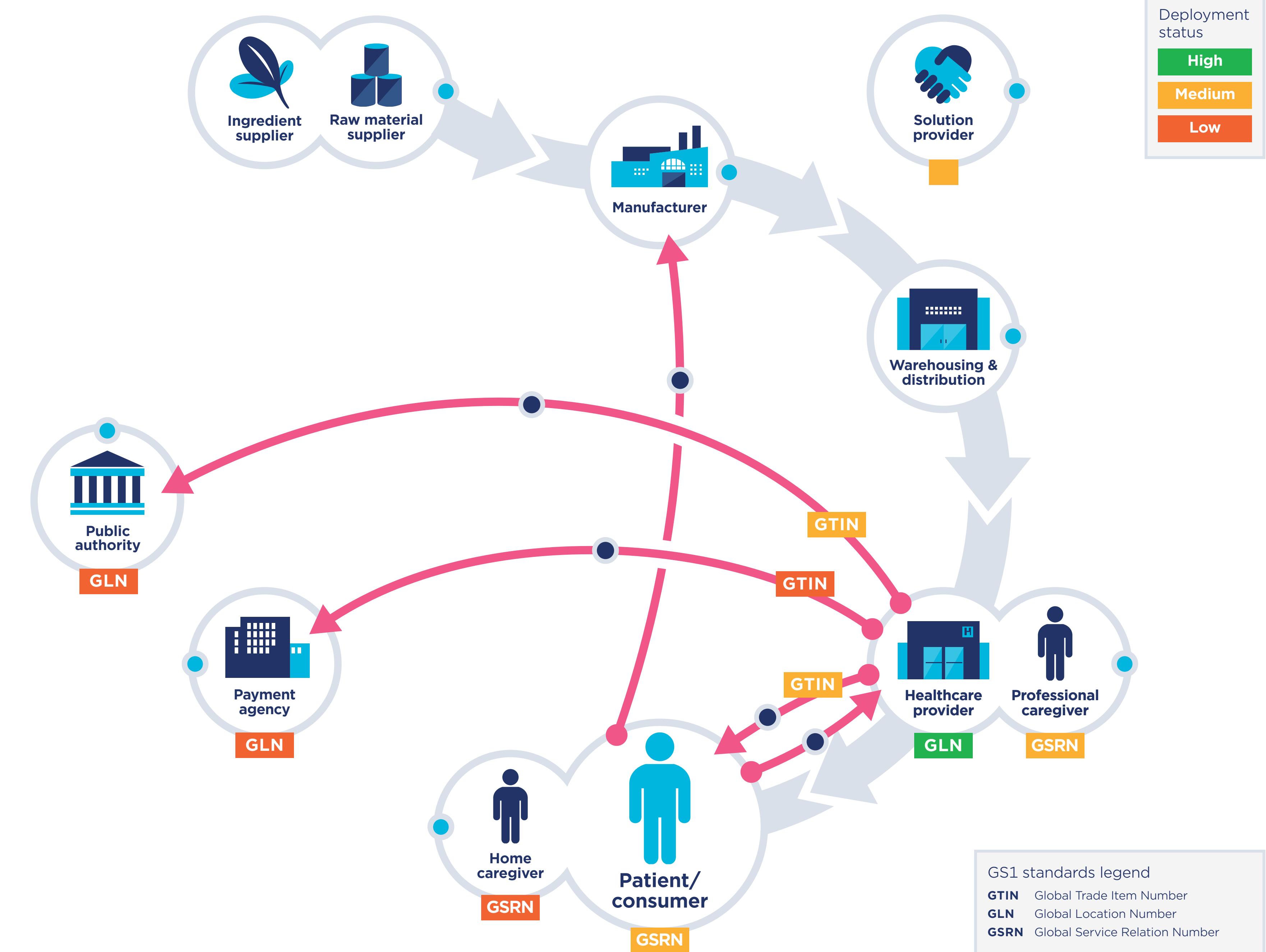


GS1 enables healthcare's digital thread

#### Processes



#### Strategies



#### GS1 standards legend

- |             |                                |
|-------------|--------------------------------|
| <b>GTIN</b> | Global Trade Item Number       |
| <b>GLN</b>  | Global Location Number         |
| <b>GSRN</b> | Global Service Relation Number |



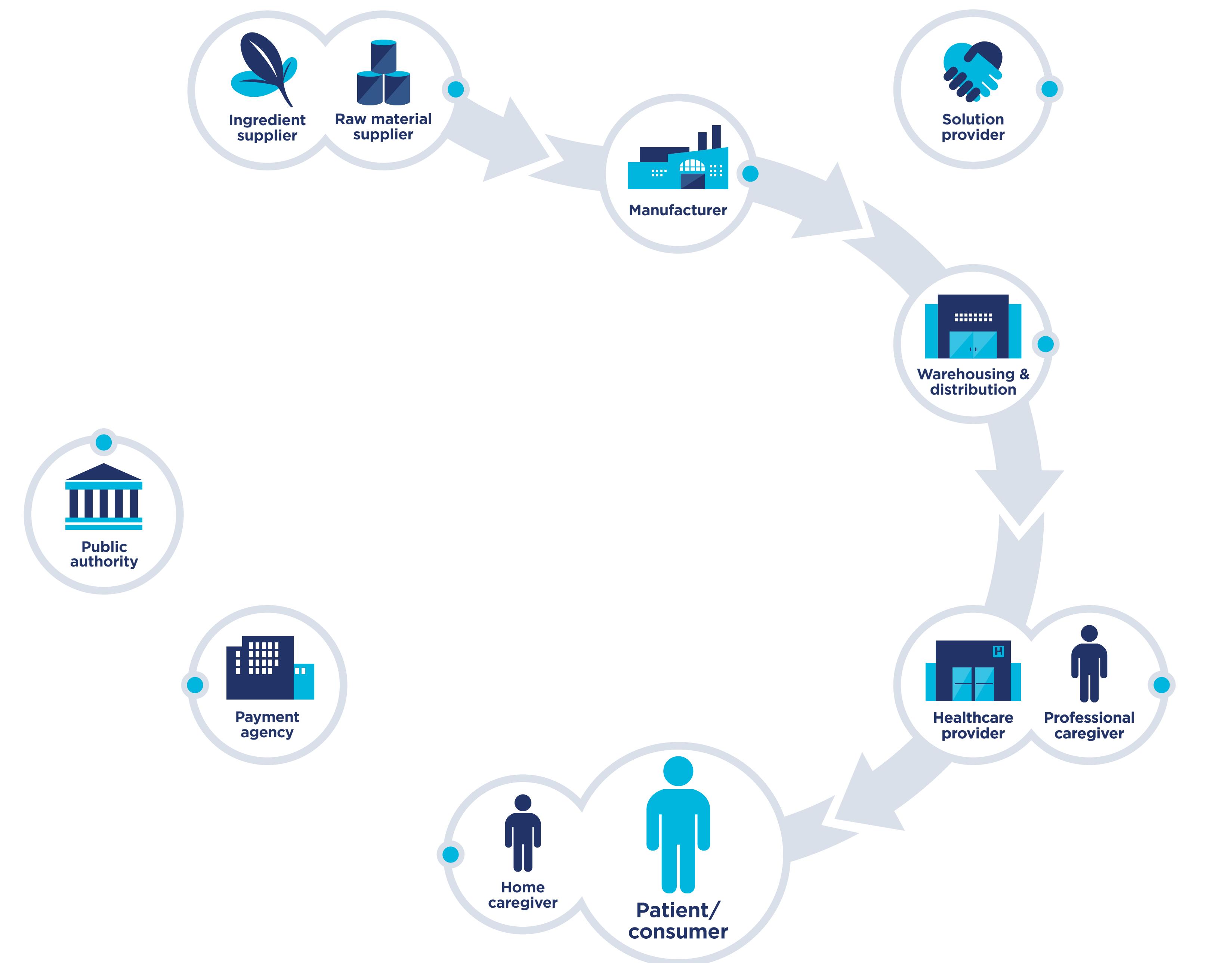
GS1 enables healthcare's digital thread

#### Processes

- Physical flow +
- Patient data
- Transactional data -
- Master data
- Procure-to-pay
- Traceability
- Recalls/reverse logistics
- Reimbursement

#### Strategies

- Current business +
- Patient/provider +
- Disruptive





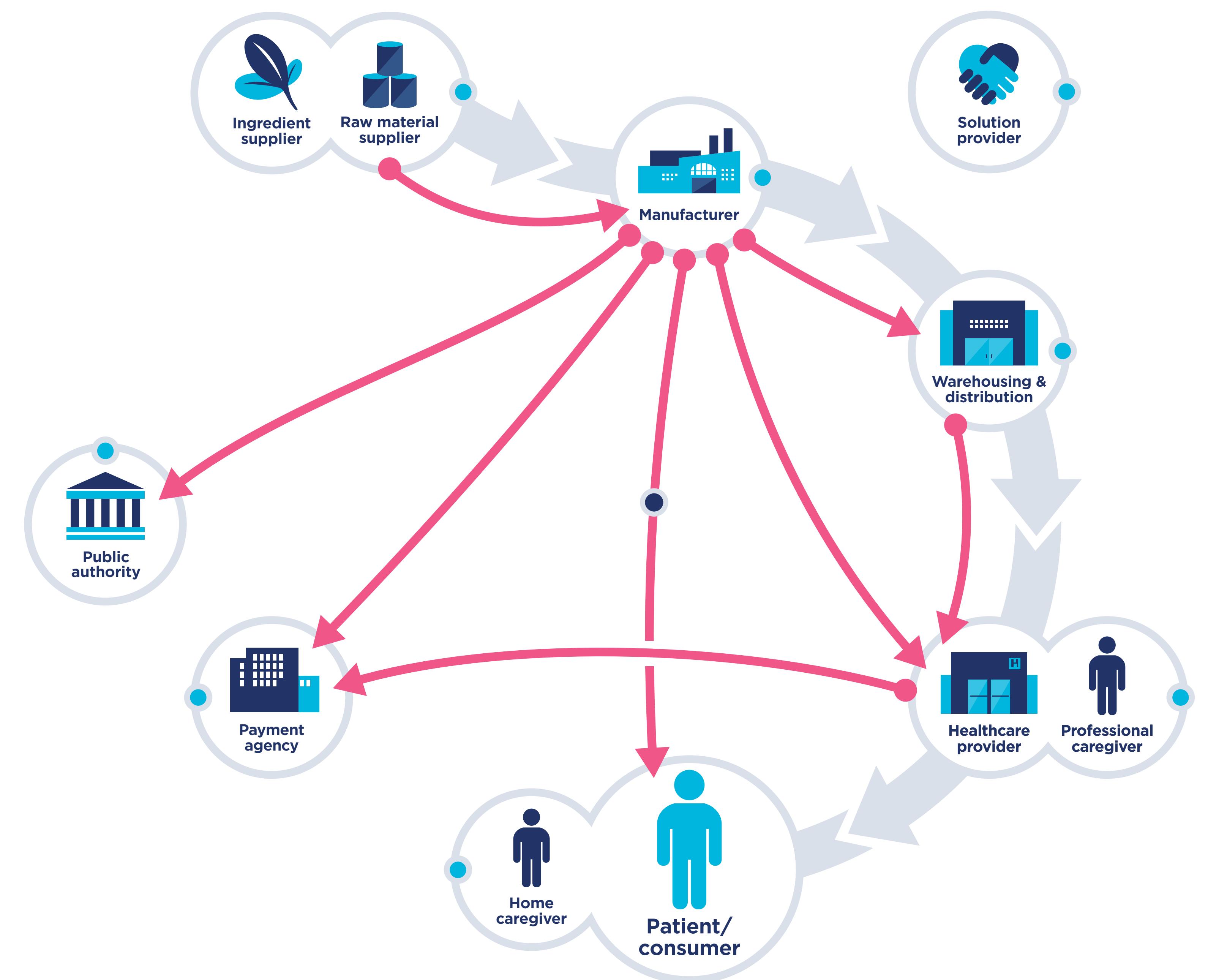
GS1 enables healthcare's digital thread

#### Processes

Physical flow	⊕
Patient data	
Transactional data	⊖
Master data	↗ Relationships
Procure-to-pay	↗ GS1 standards
Traceability	↗ Status 2018
Recalls/reverse logistics	↗ Status 2022
Reimbursement	

#### Strategies

Current business	⊕
Patient/provider	⊕
Disruptive	





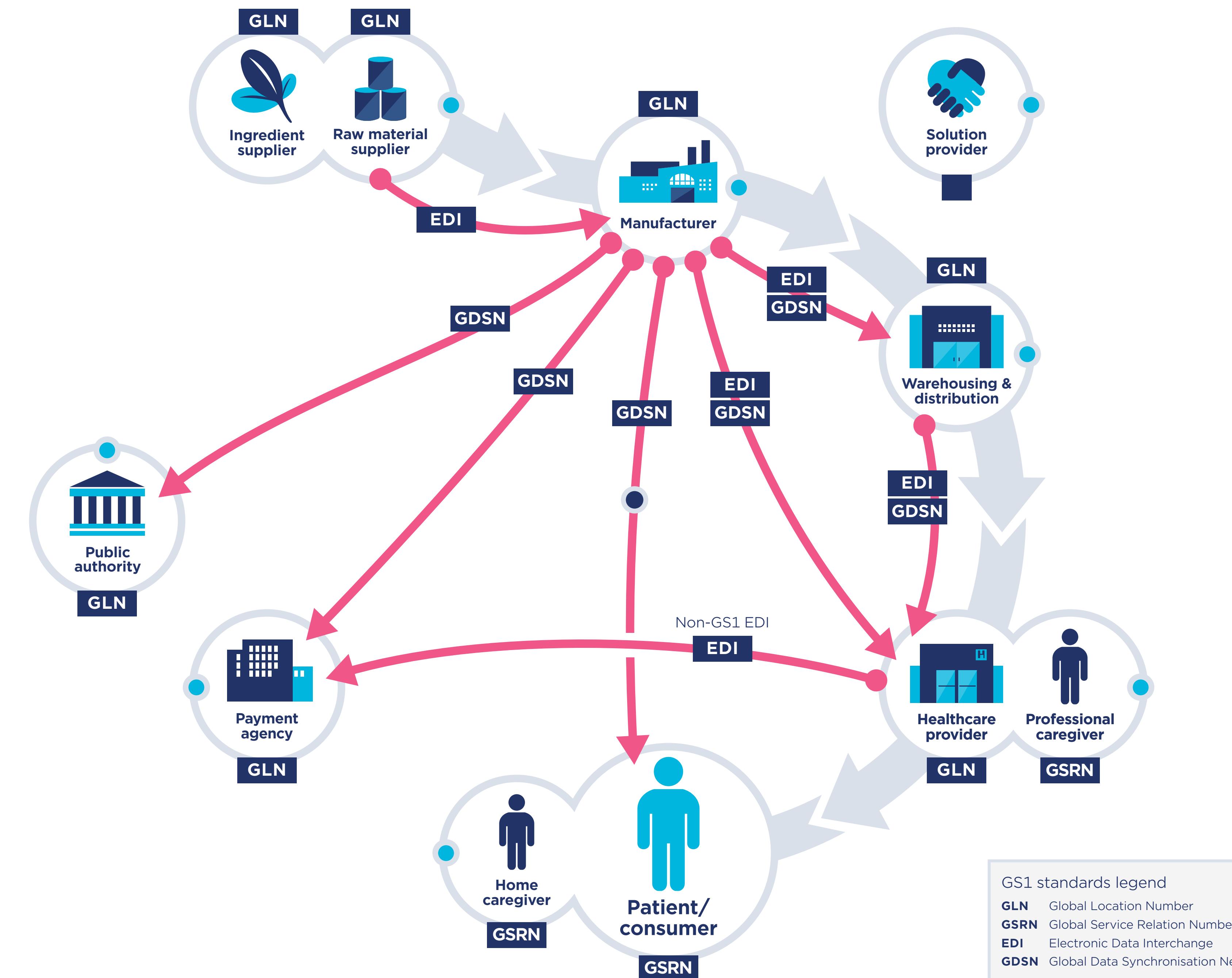
## GS1 enables healthcare's digital thread

### Processes

Physical flow	⊕
Patient data	
Transactional data	⊖
Master data	→ Relationships
Procure-to-pay	→ GS1 standards
Traceability	→ Status 2018
Recalls/reverse logistics	→ Status 2022
Reimbursement	

### Strategies

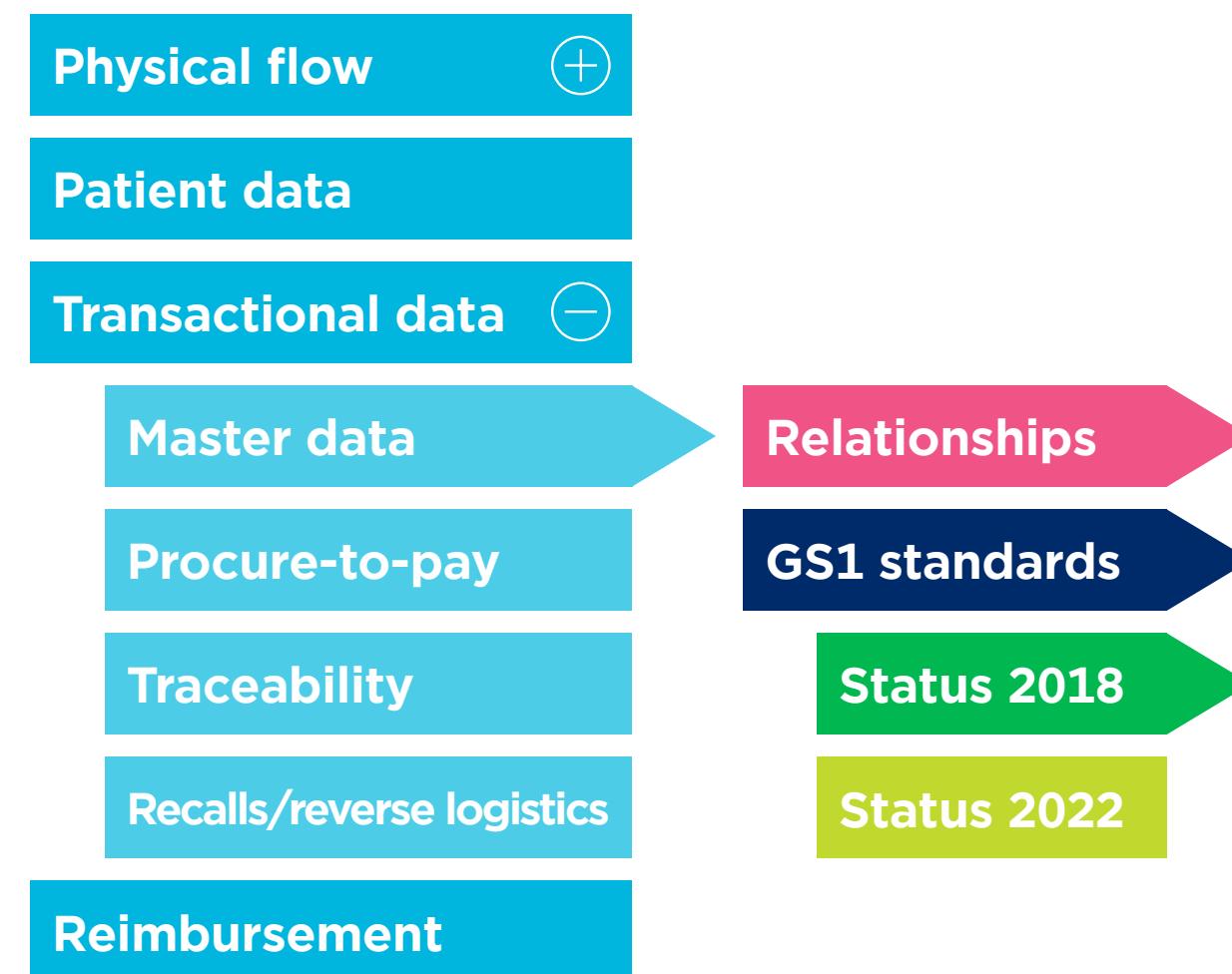
Current business	⊕
Patient/provider	⊕
Disruptive	



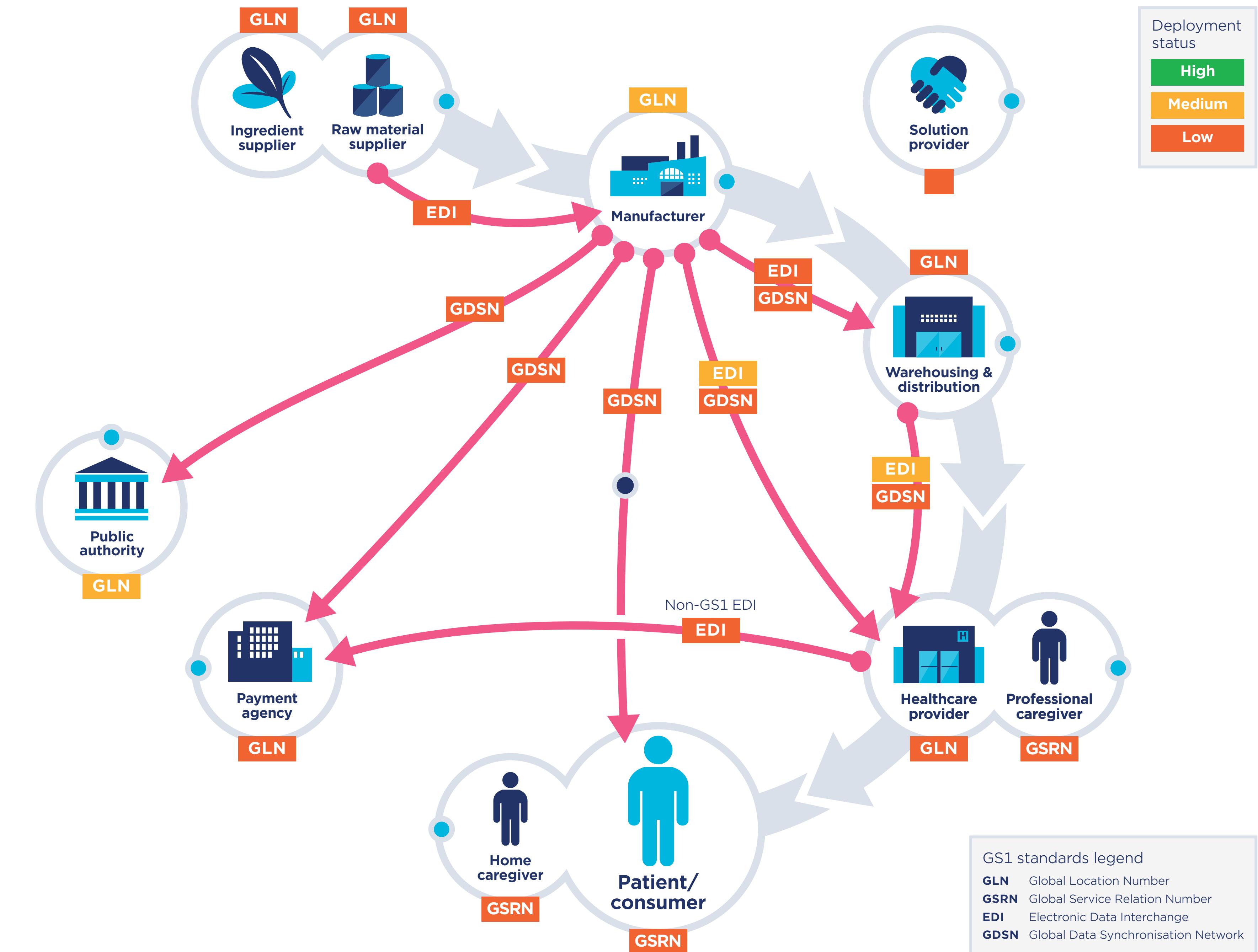
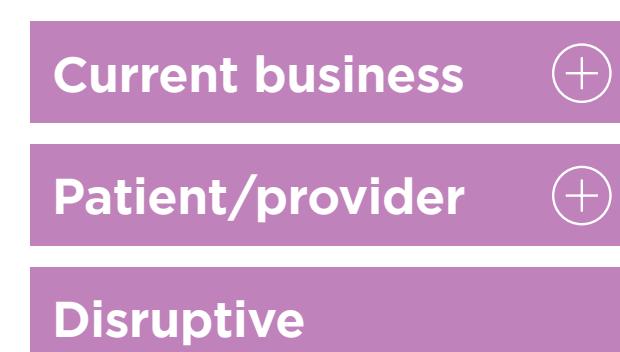


# GS1 enables healthcare's digital thread

## Processes



## Strategies





## GS1 enables healthcare's digital thread

### Processes

Physical flow	⊕
Patient data	
Transactional data	⊖
Master data	→ Relationships
Procure-to-pay	→ GS1 standards
Traceability	→ Status 2018
Recalls/reverse logistics	→ Status 2022
Reimbursement	

### Strategies

Current business	⊕
Patient/provider	⊕
Disruptive	





GS1 enables healthcare's digital thread

#### Processes

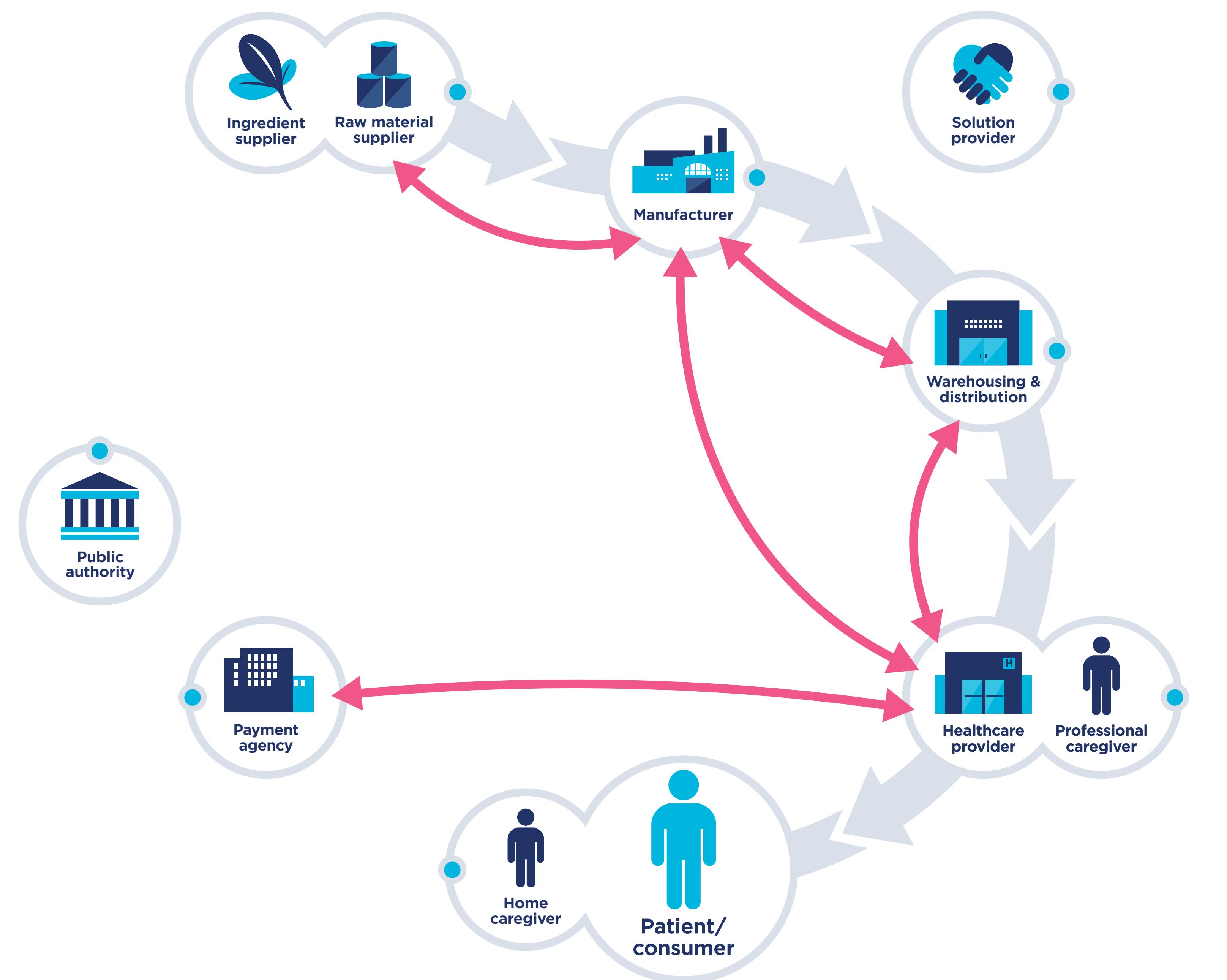
Physical flow	⊕
Patient data	
Transactional data	⊖
Master data	
Procure-to-pay	→
Traceability	
Recalls/reverse logistics	
Reimbursement	

#### Relationships

GS1 standards
Status 2018
Status 2022

#### Strategies

Current business	⊕
Patient/provider	⊕
Disruptive	





## GS1 enables healthcare's digital thread

### Processes

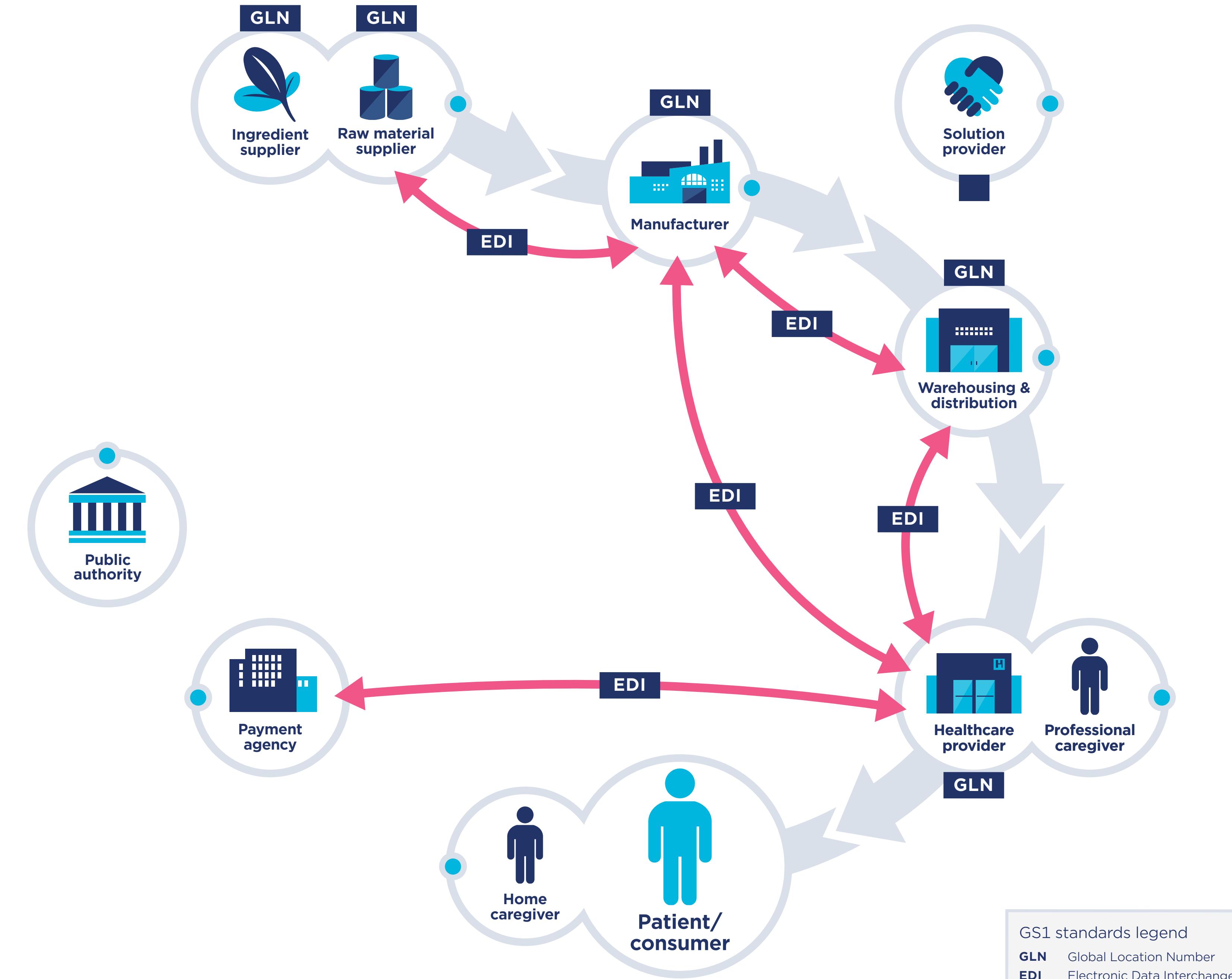
- Physical flow ⊕
- Patient data
- Transactional data ⊖
- Master data
- Procure-to-pay →
- Traceability
- Recalls/reverse logistics
- Reimbursement

### Relationships

- GS1 standards →
- Status 2018
- Status 2022

### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive



#### GS1 standards legend

- GLN Global Location Number
- EDI Electronic Data Interchange



## GS1 enables healthcare's digital thread

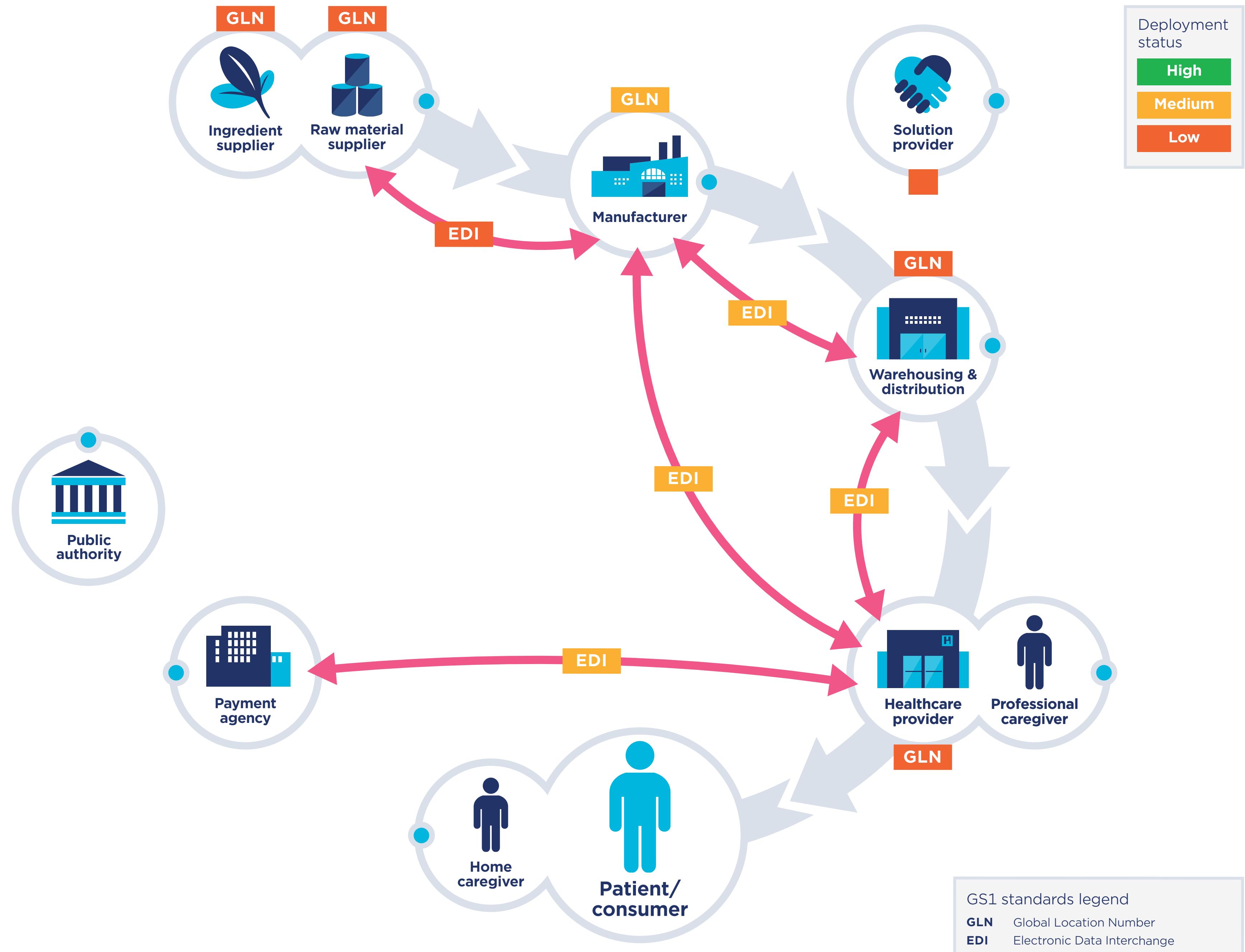
### Processes

- Physical flow ⊕
- Patient data
- Transactional data ⊖
- Master data
- Procure-to-pay →
- Traceability
- Recalls/reverse logistics
- Reimbursement

- Relationships →
- GS1 standards →
- Status 2018 →
- Status 2022 →

### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive





## GS1 enables healthcare's digital thread

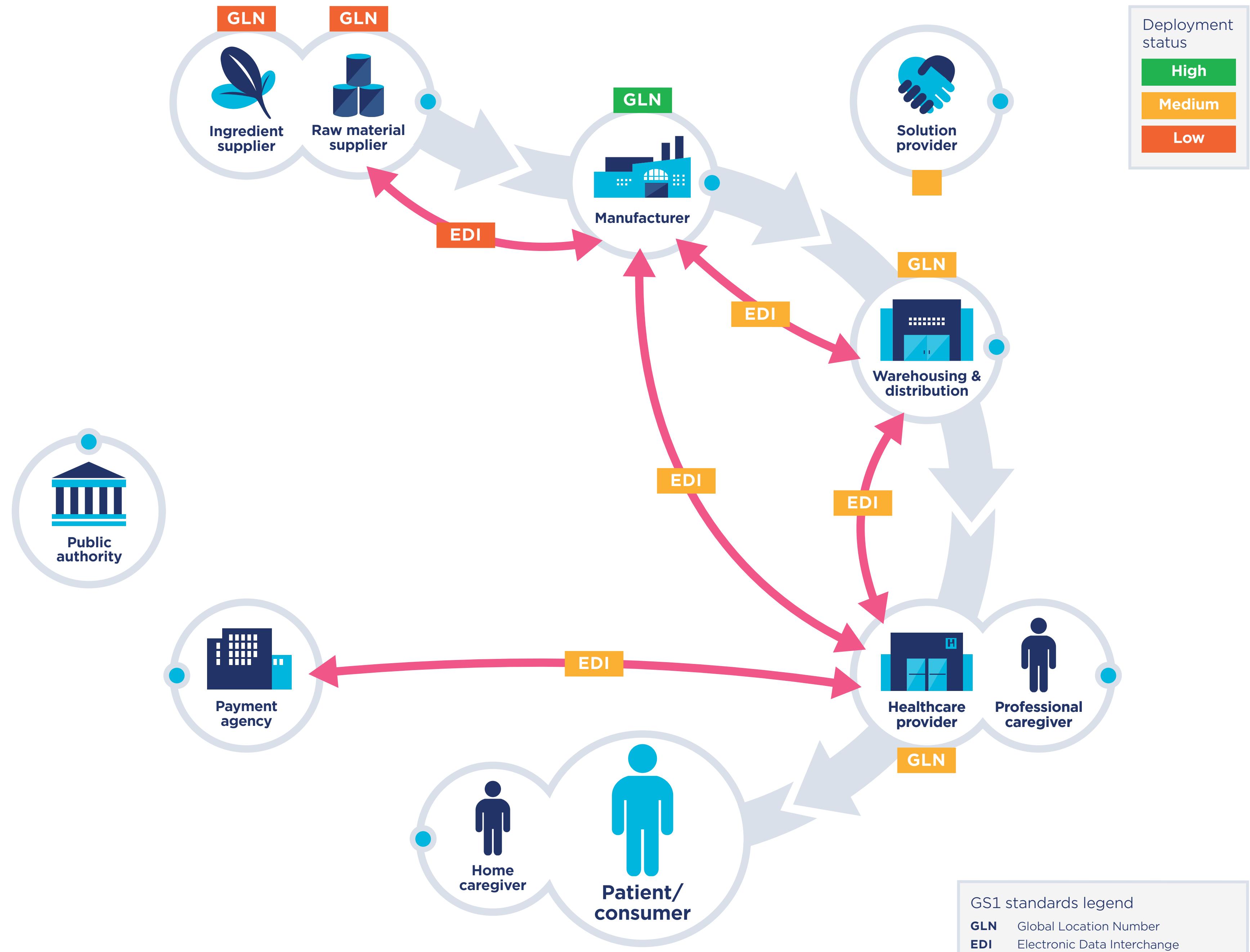
### Processes

- Physical flow ⊕
- Patient data
- Transactional data ⊖
- Master data
- Procure-to-pay →
- Traceability
- Recalls/reverse logistics
- Reimbursement

- Relationships →
- GS1 standards →
- Status 2018 →
- Status 2022 →

### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive





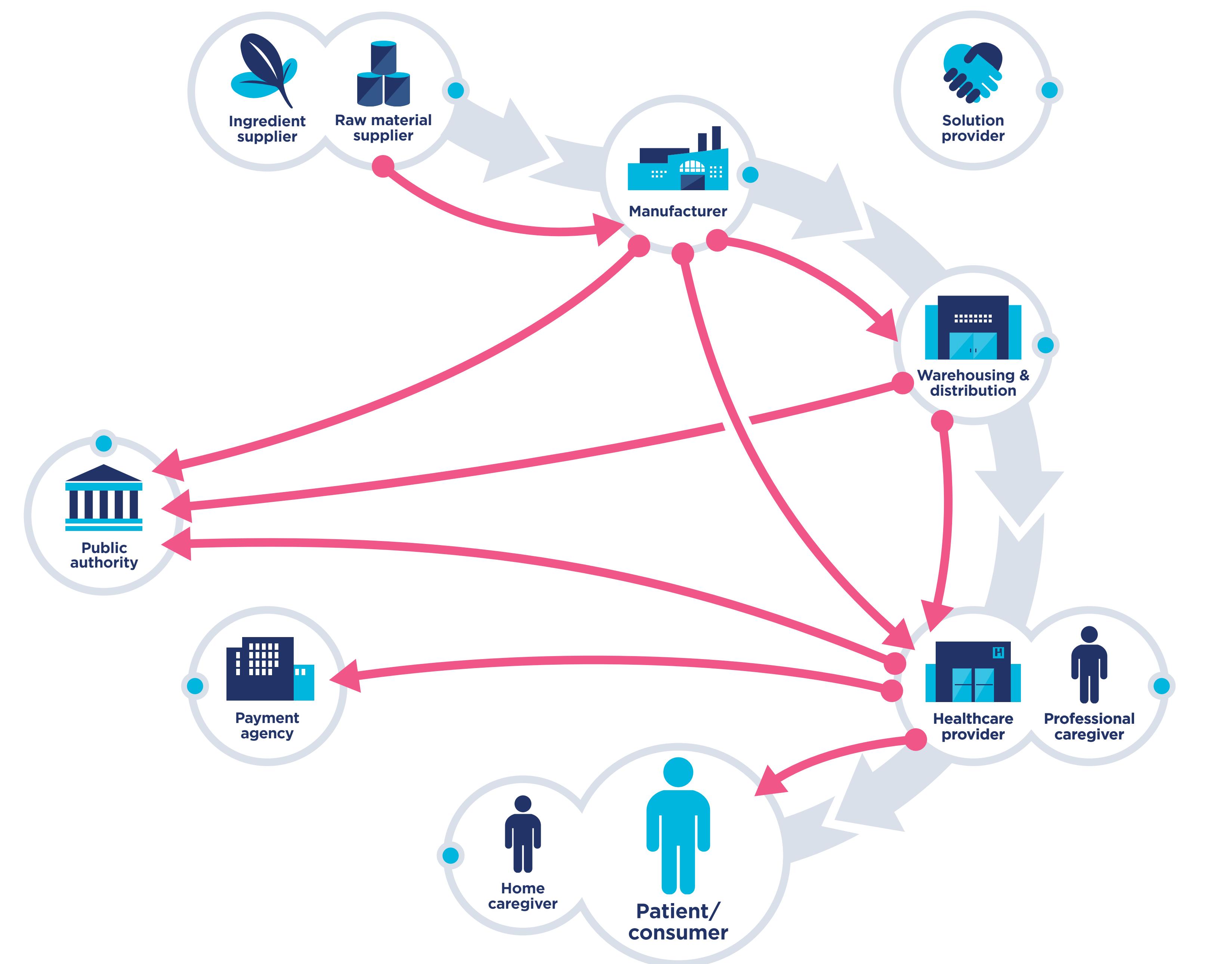
# GS1 enables healthcare's digital thread

## Processes

- Physical flow 
  - Patient data
  - Transactional data 
  - Master data
  - Procure-to-pay
  - Traceability
  - Recalls/reverse logistics
  - Reimbursement

## Strategies

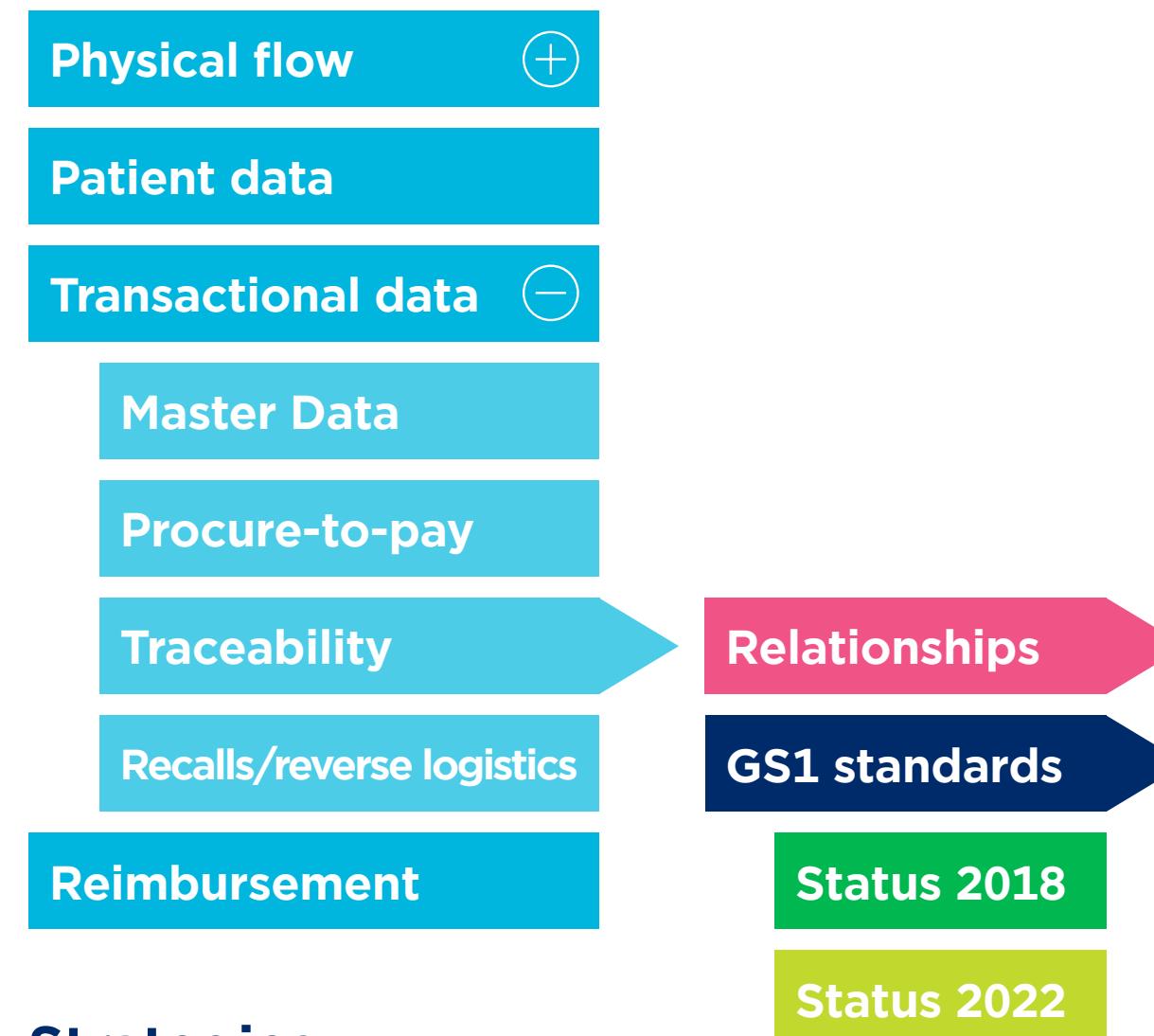
- Current business 
  - Patient/provider 
  - Disruptive



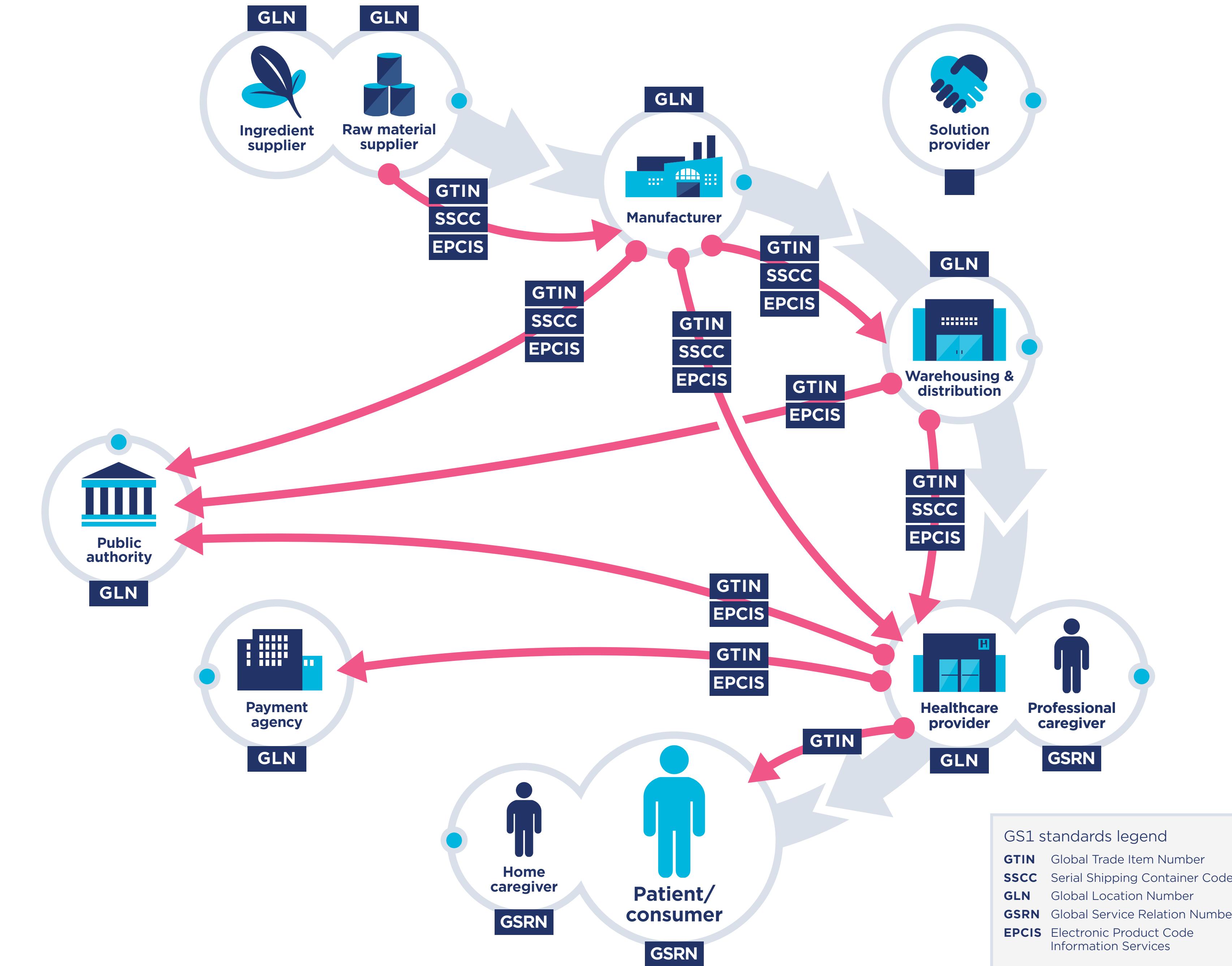


## GS1 enables healthcare's digital thread

### Processes



### Strategies



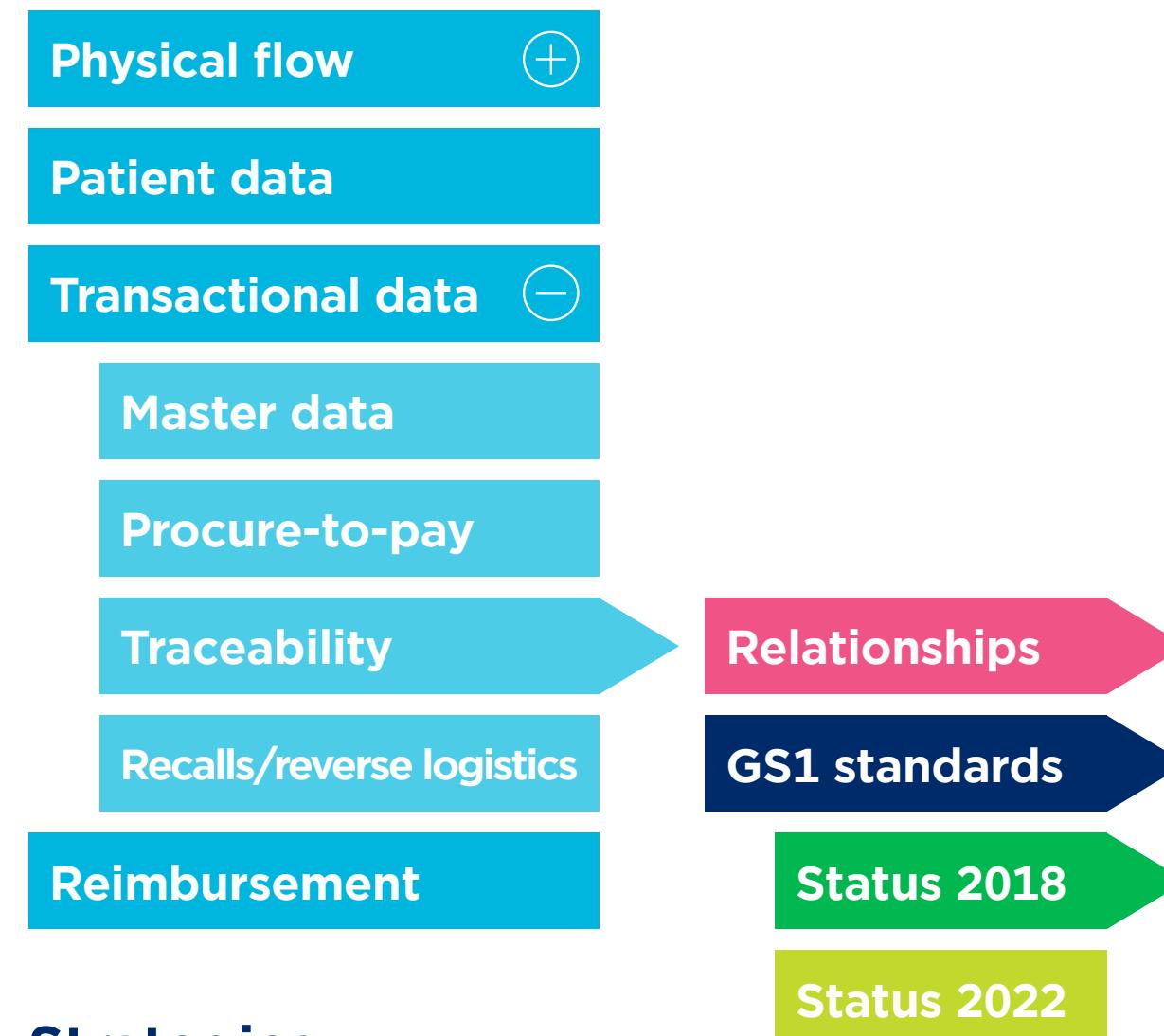
#### GS1 standards legend

<b>GTIN</b>	Global Trade Item Number
<b>SSCC</b>	Serial Shipping Container Code
<b>GLN</b>	Global Location Number
<b>GSRN</b>	Global Service Relation Number
<b>EPCIS</b>	Electronic Product Code Information Services

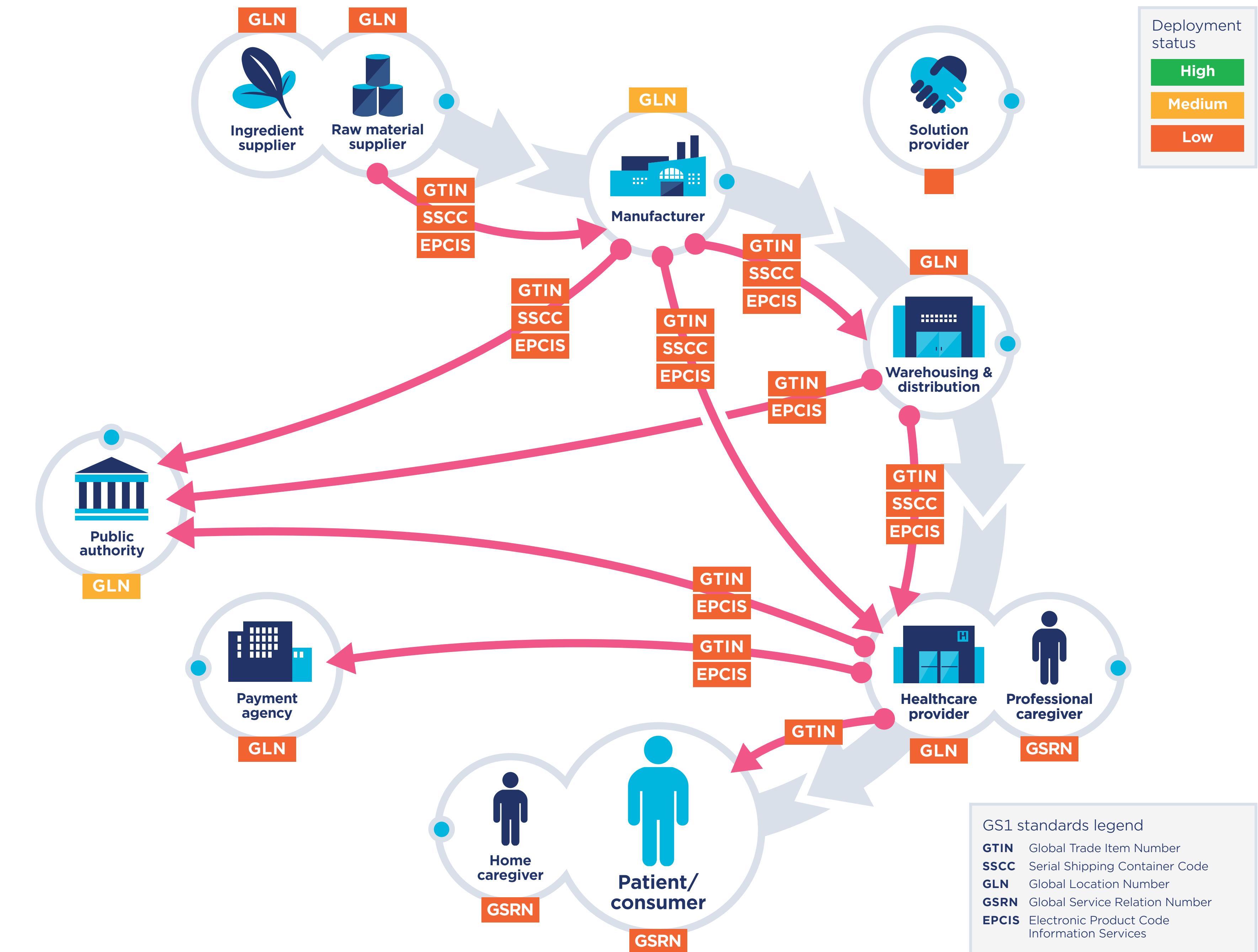
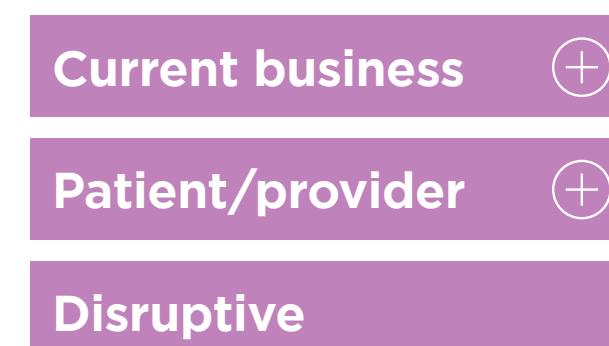


## GS1 enables healthcare's digital thread

### Processes



### Strategies





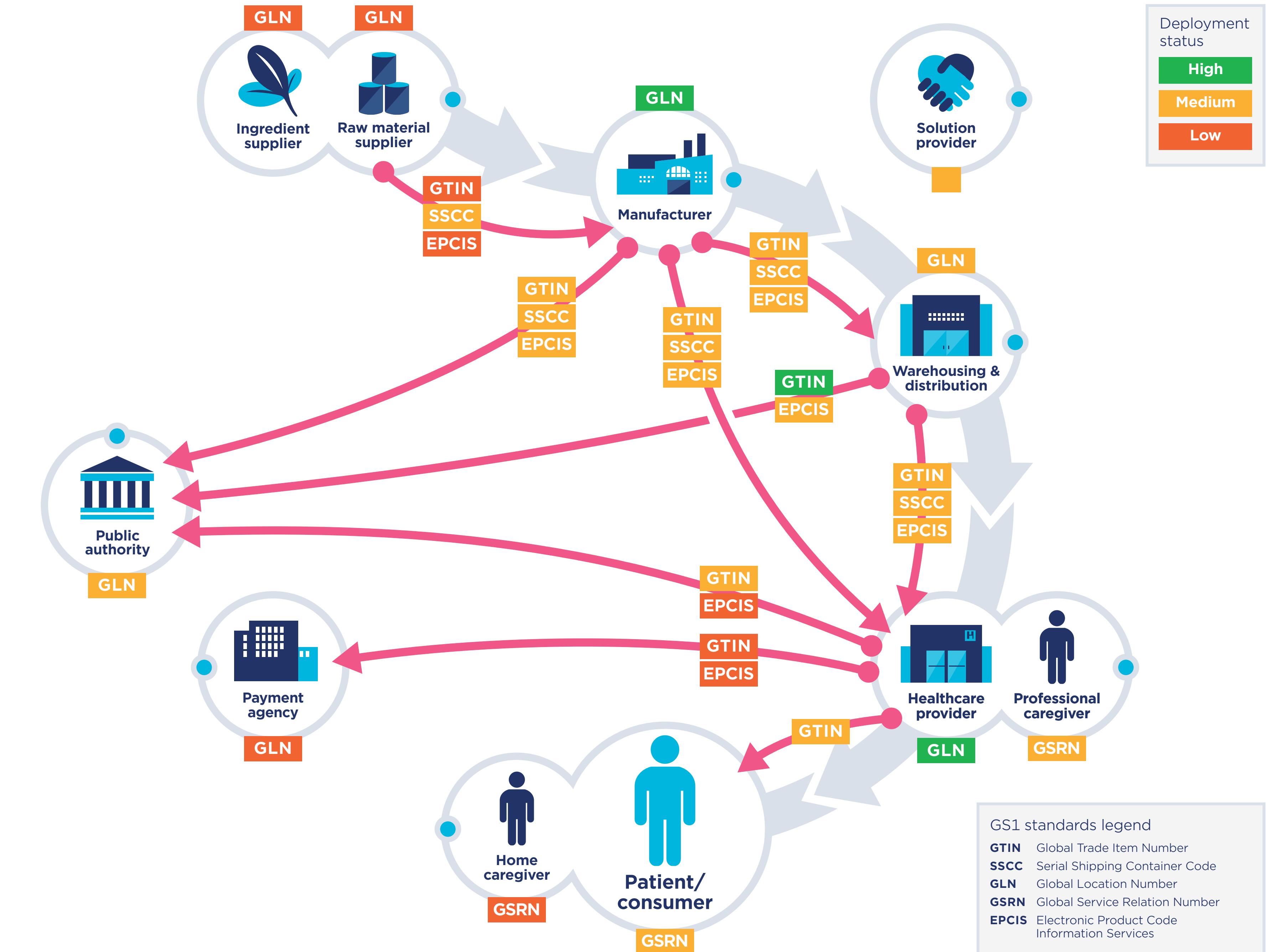
# GS1 enables healthcare's digital thread

## Processes

- Physical flow (+) High
- Patient data (+) High
- Transactional data (+) Medium
- Master data (+) Medium
- Procure-to-pay (+) Medium
- Traceability (+) Medium
- Recalls/reverse logistics (+) Medium
- Reimbursement (+) Medium

## Strategies

- Current business (+) High
- Patient/provider (+) Medium
- Disruptive (+) Low





## GS1 enables healthcare's digital thread

### Processes

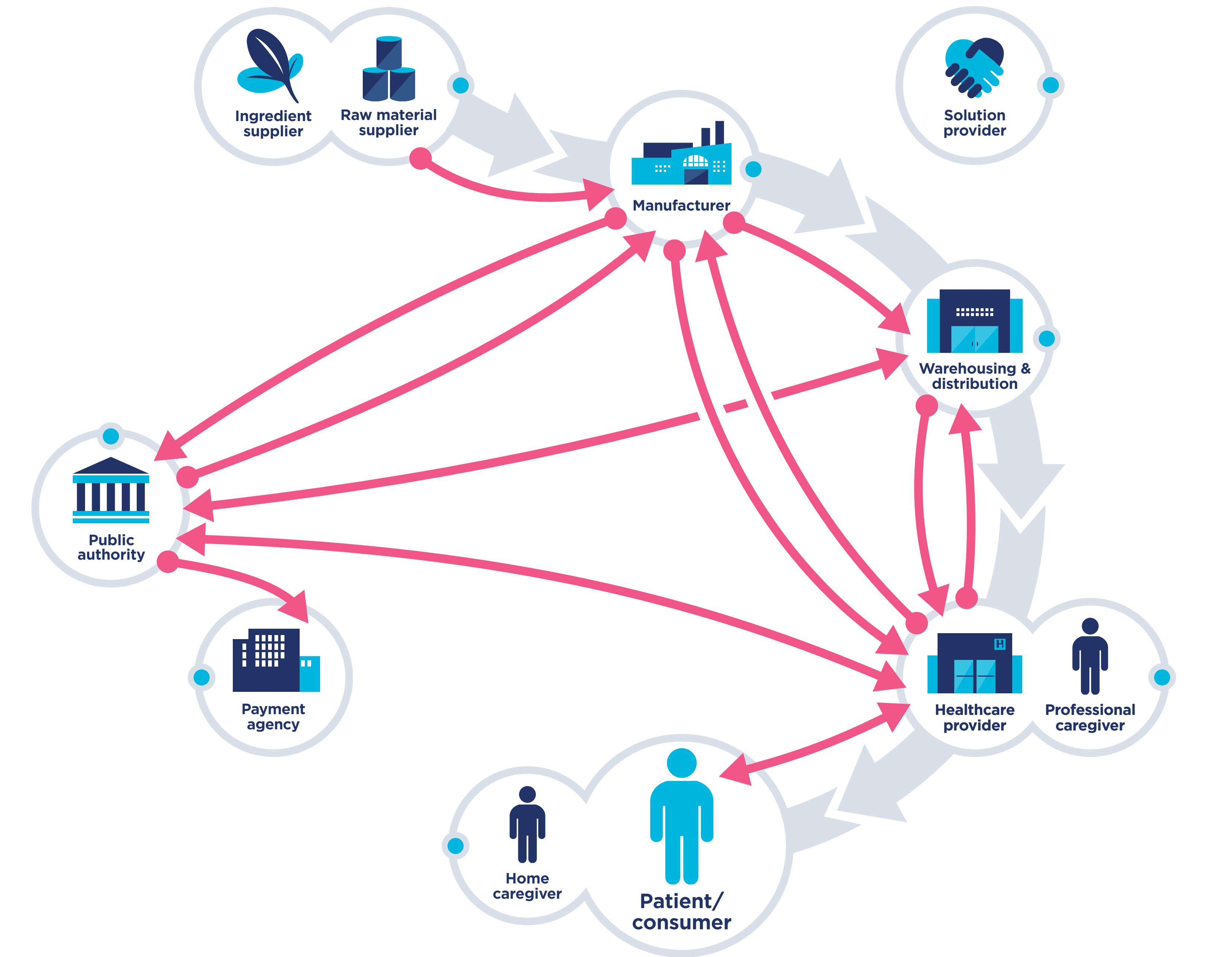
- Physical flow ⊕
- Patient data
- Transactional data ⊖
- Master data
- Procure-to-pay
- Traceability
- Recalls/reverse logistics
- Reimbursement

### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive

- Relationships
- GS1 standards
- Status 2018
- Status 2022

Reasons for recall  
Adverse event  
Design flaw  
Production error  
Labelling issue  
Temp excursions  
Counterfeit/diversion  
Literature  
Raise issue  
Raw materials  
Manufacturer  
Patient  
Provider  
Logistics  
Government organisation





# GS1 enables healthcare's digital thread

## Processes

- Physical flow 
  - Patient data
  - Transactional data 
  - Master data
  - Procure-to-pay
  - Traceability
  - Recalls/reverse logistics
  - Reimbursement

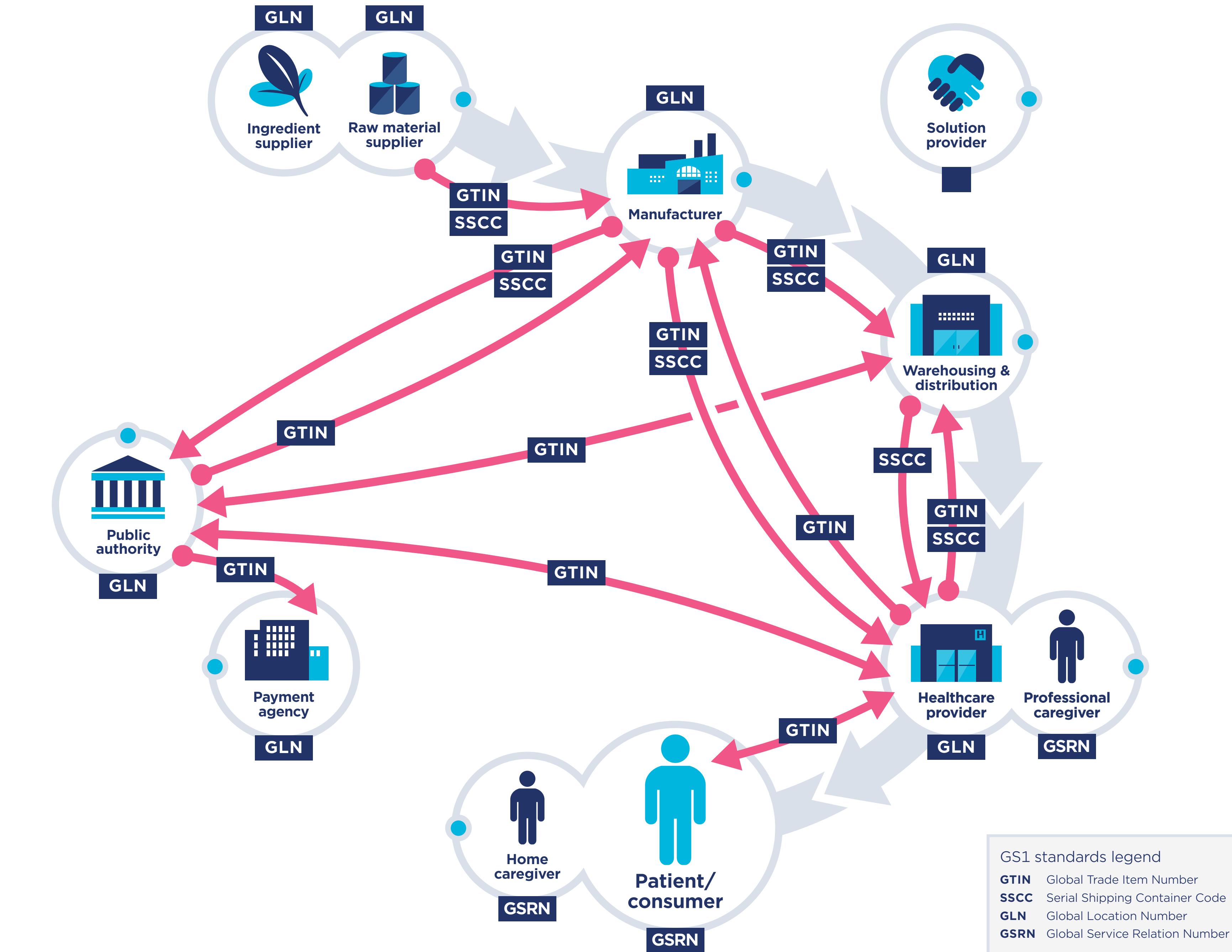
## Strategies

- Current business 
  - Patient/provider 
  - Disruptive

- Reasons for recall
- Adverse event**
- Design flaw**
- Production error**
- Labelling issue**
- Temp excursions**
- Counterfeit/diversion**
- Literature**

- Raise issue
- Raw materials**
- Manufacturer**
- Patient**
- Provider**
- Logistics**
- Government organisation**





# GS1 enables healthcare's digital thread

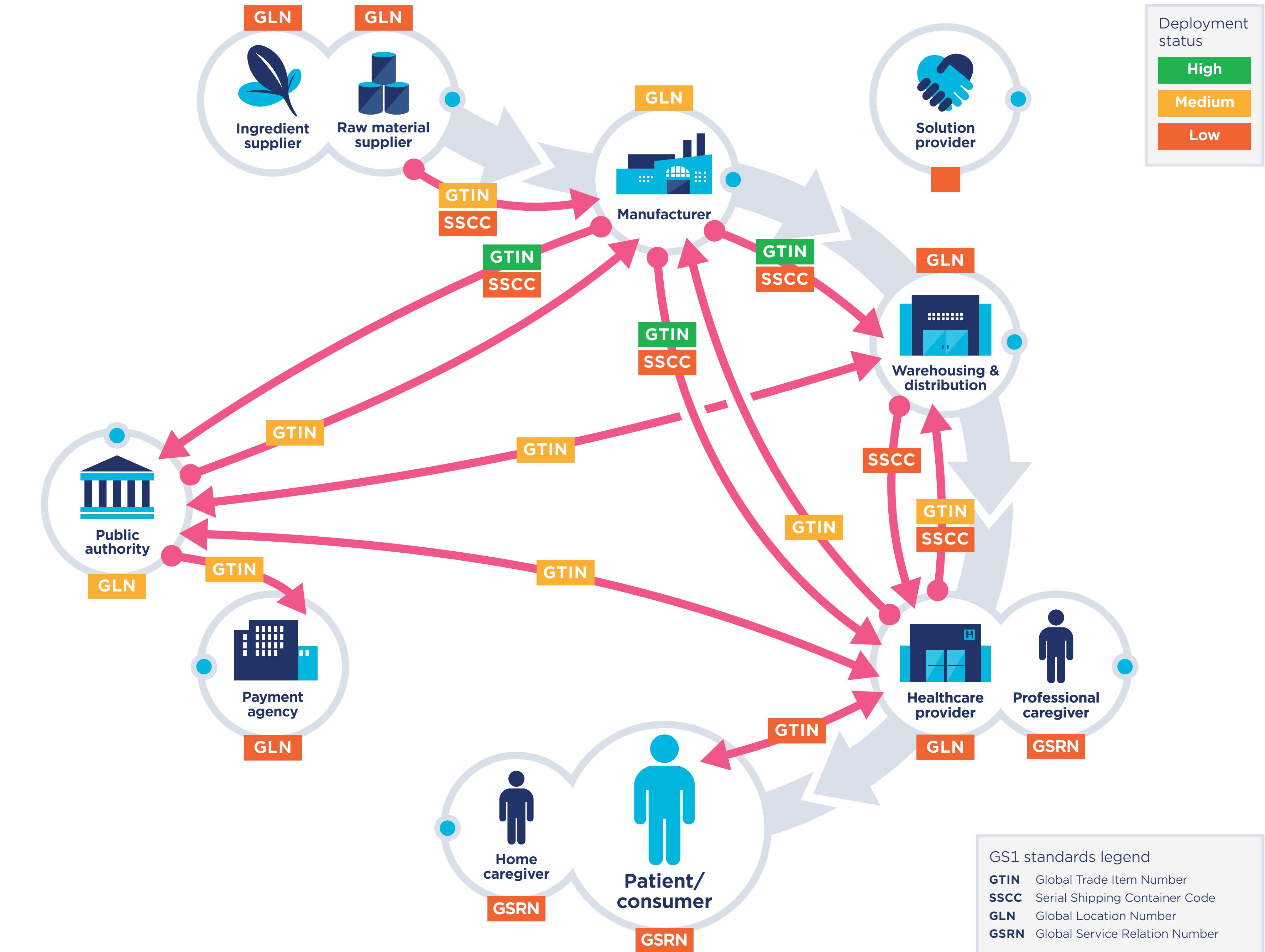
## Processes

- Physical flow +
- Patient data
- Transactional data -
- Master data
- Procure-to-pay
- Traceability
- Recalls/reverse logistics
- Reimbursement

## Strategies

- Current business +
- Patient/provider +
- Disruptive

Reasons for recall  
 Adverse event  
 Design flaw  
 Production error  
 Labelling issue  
 Temp excursions  
 Counterfeit/diversion  
 Literature  
 Raise issue  
 Raw materials  
 Manufacturer  
 Patient  
 Provider  
 Logistics  
 Government organisation





# GS1 enables healthcare's digital thread

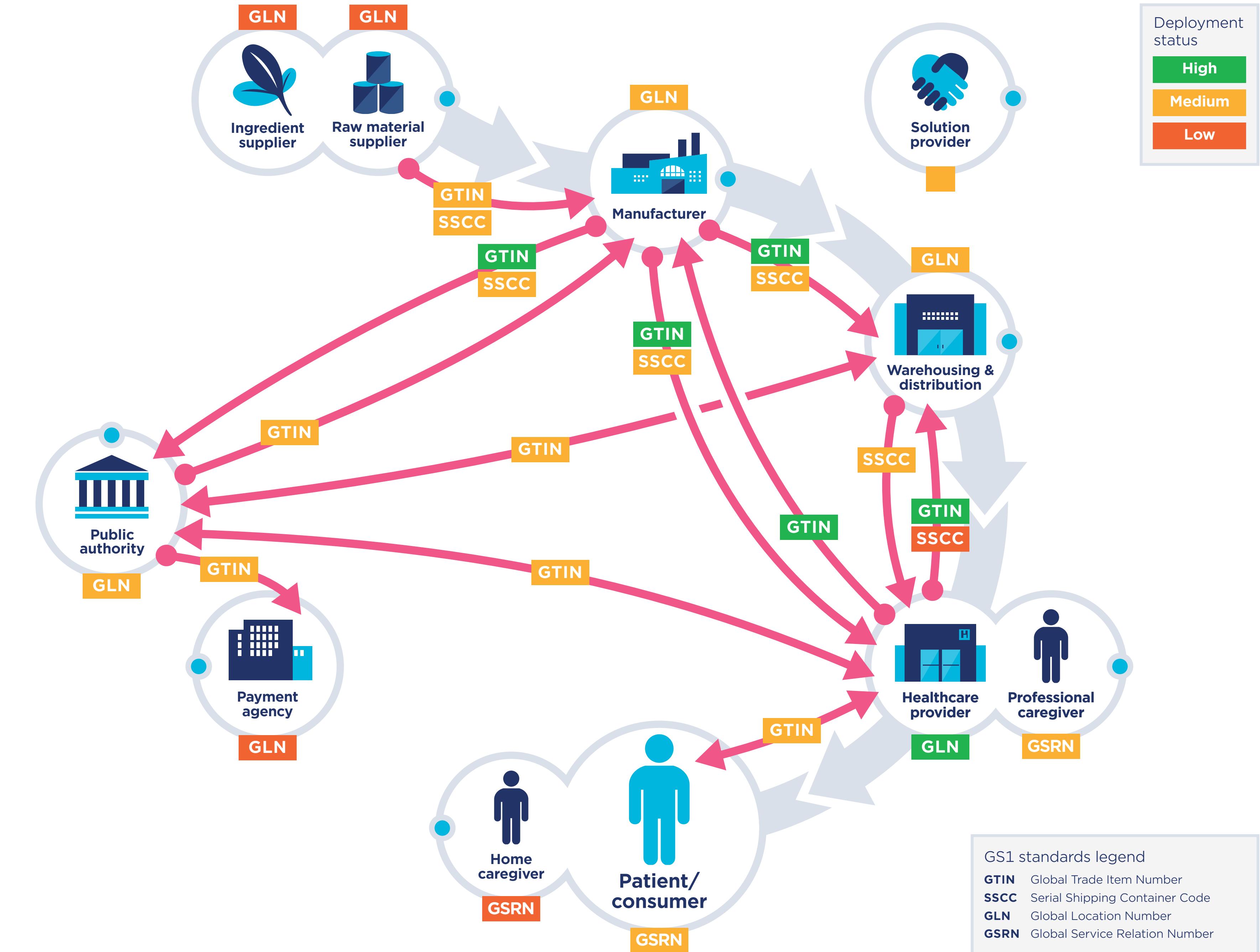
## Processes

- Physical flow (+) High
- Patient data (+) High
- Transactional data (-) Medium
- Master data (+) High
- Procure-to-pay (+) High
- Traceability (+) High
- Recalls/Reverse Logistics (+) High
- Reimbursement (+) High

## Strategies

- Current business (+) High
- Patient/provider (+) Medium
- Disruptive (+) Medium

Reasons for recall  
 Adverse event  
 Design flaw  
 Production error  
 Labelling issue  
 Temp excursions  
 Counterfeit/diversion  
 Literature  
 Raise issue  
 Raw materials  
 Manufacturer  
 Patient  
 Provider  
 Logistics  
 Government organisation





GS1 enables healthcare's digital thread

#### Processes

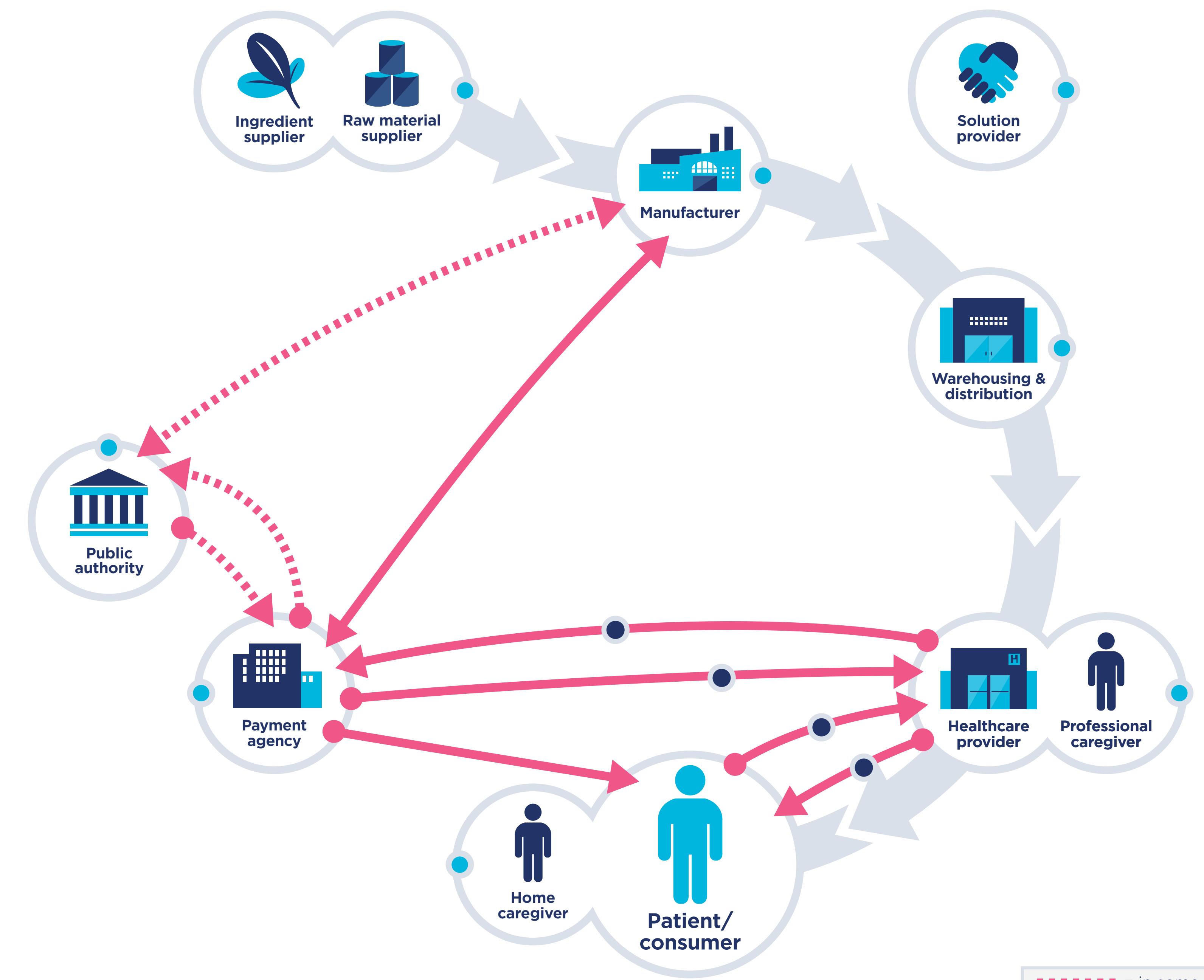
- Physical flow ⊕
- Patient data
- Transactional data ⊕
- Reimbursement →

#### Relationships

- GS1 standards
- Status 2018
- Status 2022

#### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive





GS1 enables healthcare's digital thread

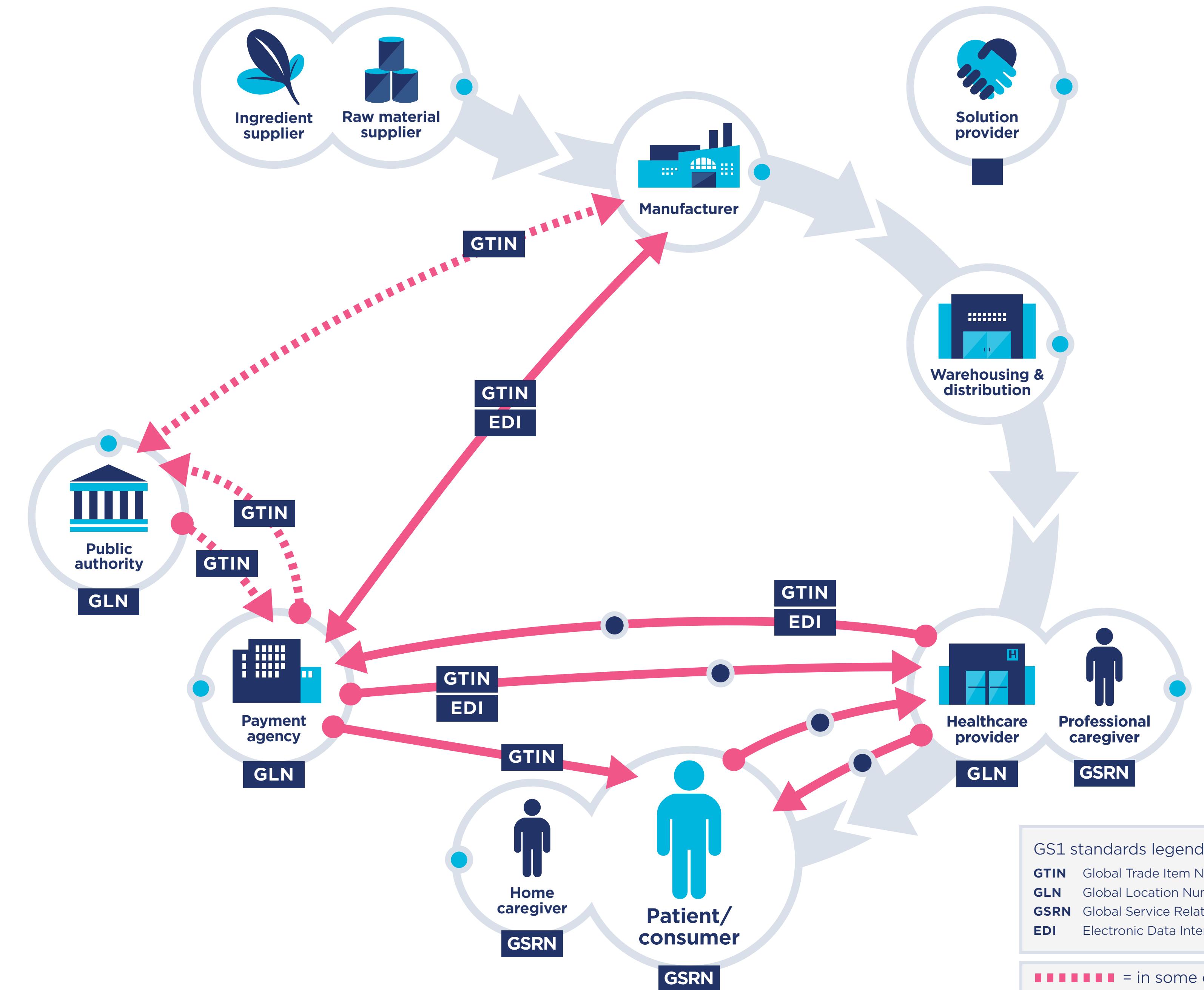
#### Processes

- Physical flow
- Patient data
- Transactional data
- Reimbursement



#### Strategies

- Current business
- Patient/provider
- Disruptive



GS1 standards legend

GTIN	Global Trade Item Number
GLN	Global Location Number
GSRN	Global Service Relation Number
EDI	Electronic Data Interchange

■ = in some countries



## GS1 enables healthcare's digital thread

### Processes

- Physical flow (+) High
- Patient data (+) High
- Transactional data (+) High
- Reimbursement (+) High

### Relationships

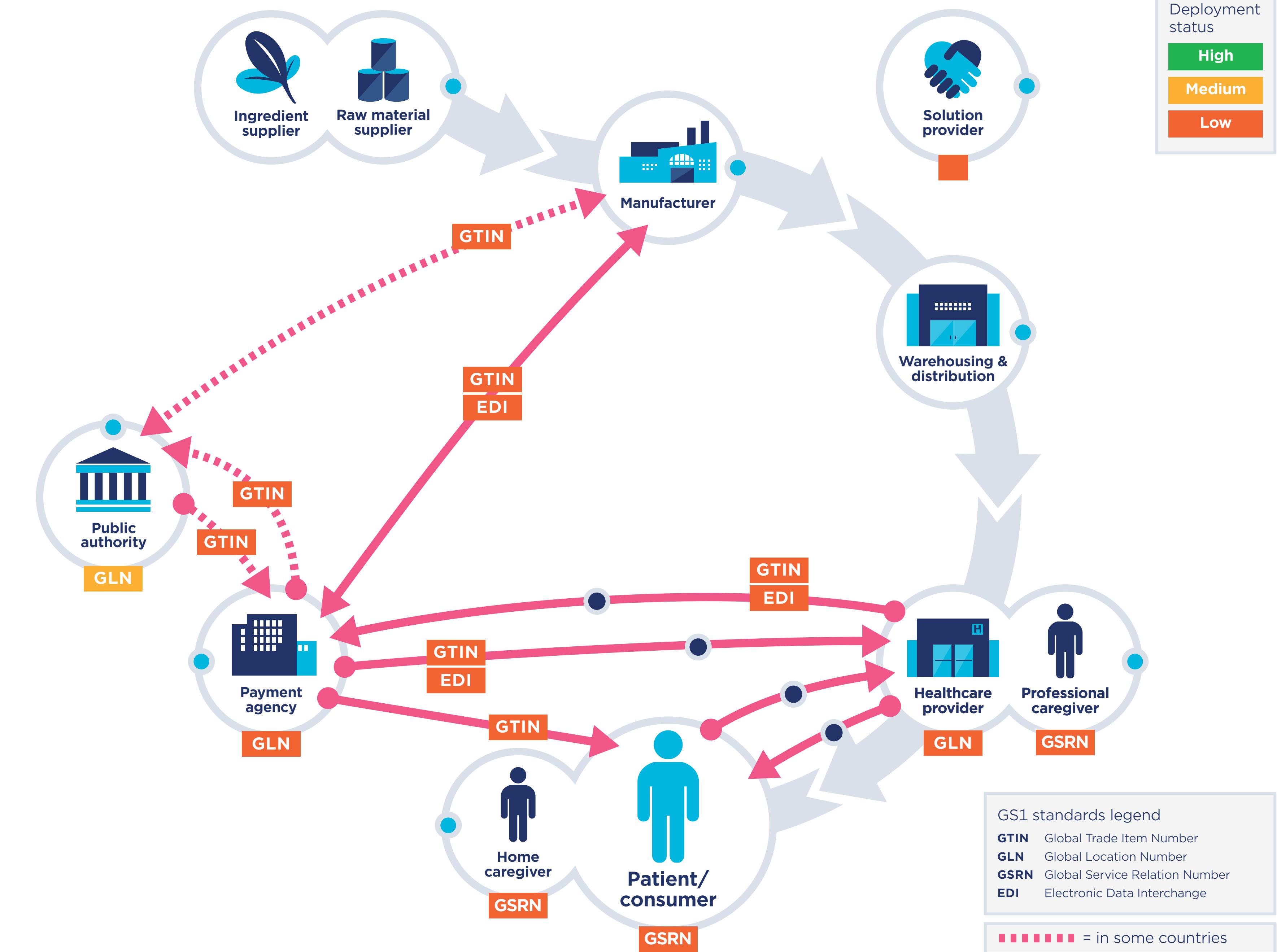
### GS1 standards

Status 2018

Status 2022

### Strategies

- Current business (+) High
- Patient/provider (+) High
- Disruptive (+) High





## GS1 enables healthcare's digital thread

### Processes

- Physical flow
- Patient data
- Transactional data
- Reimbursement

### Relationships

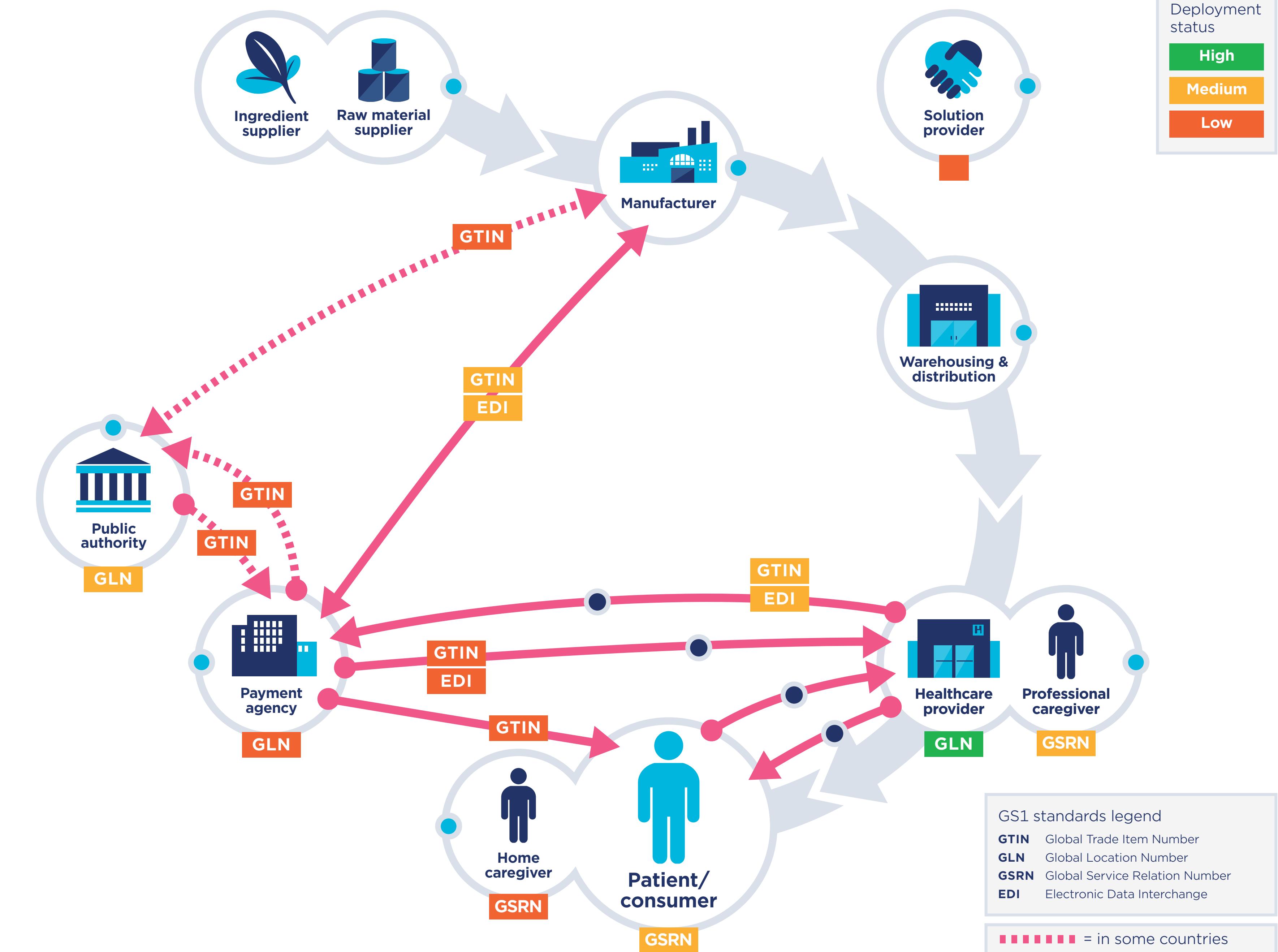
### GS1 standards

Status 2018

Status 2022

### Strategies

- Current business
- Patient/provider
- Disruptive



#### GS1 standards legend

- GTIN** Global Trade Item Number
- GLN** Global Location Number
- GSRN** Global Service Relation Number
- EDI** Electronic Data Interchange

■ = in some countries



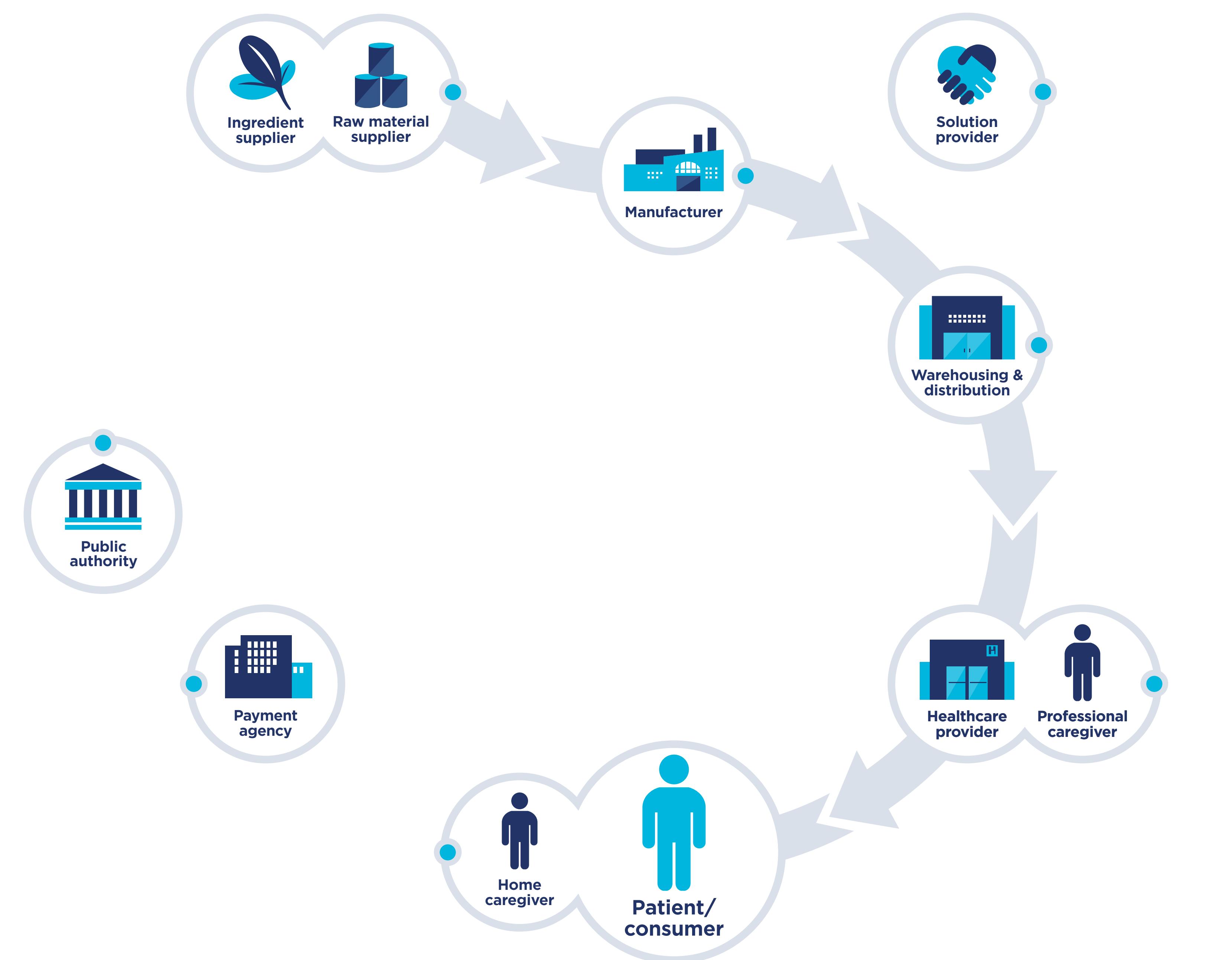
GS1 enables healthcare's digital thread

#### Processes

Physical flow	⊕
Patient data	
Transactional data	⊕
Reimbursement	

#### Strategies

Current business	⊖
Global regulatory alignment	
Security/traceability/anti-counterfeiting	
Data quality and completeness	
Operationalisation of standards	
Trading partner data exchange	
Patient/provider	⊕
Disruptive	





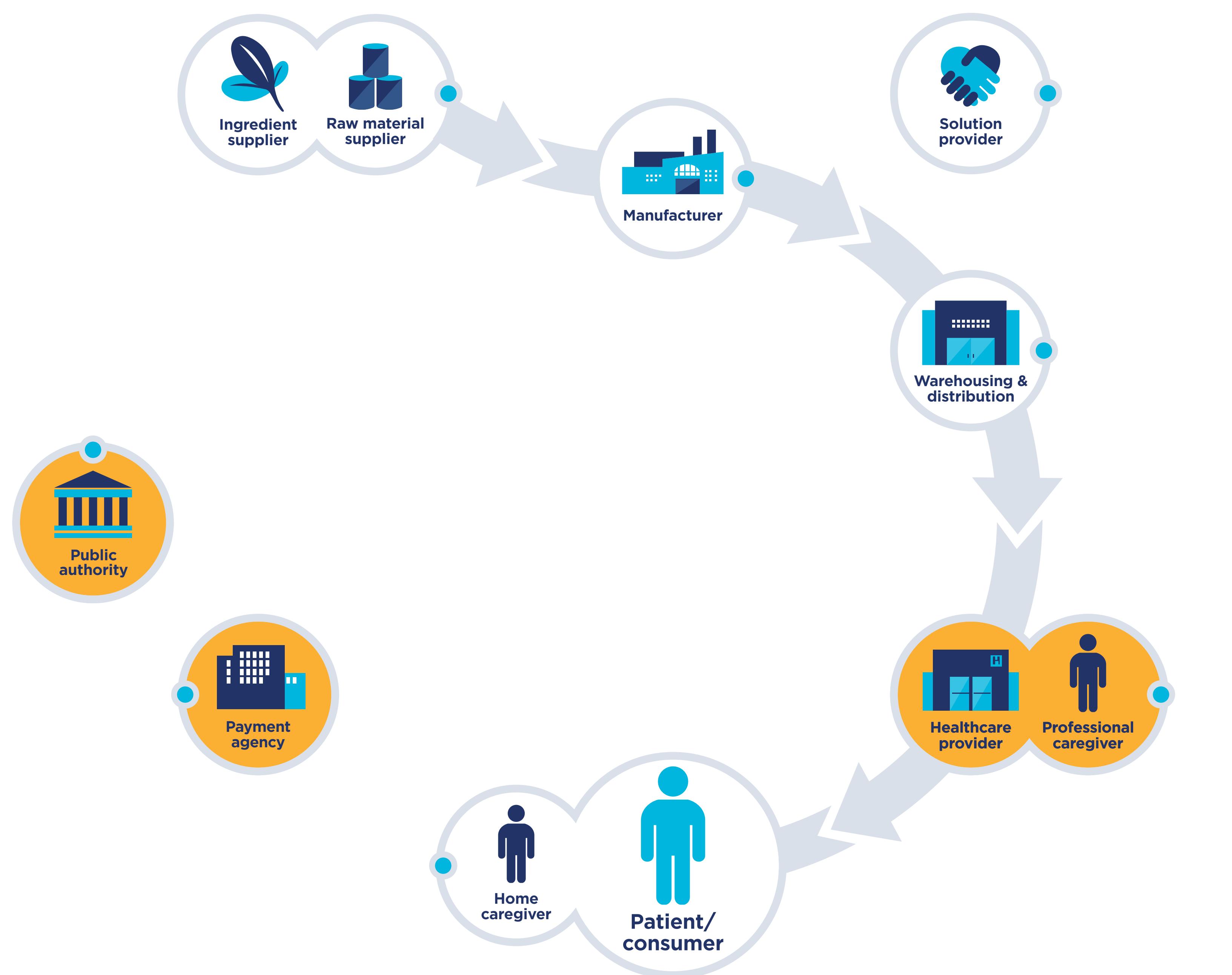
## GS1 enables healthcare's digital thread

### Processes

- Physical flow +
- Patient data
- Transactional data +
- Reimbursement

### Strategies

- Current business -
  - Global regulatory alignment
  - Security/traceability/anti-counterfeiting
  - Data quality and completeness
  - Operationalisation of standards
  - Trading partner data exchange
- Patient/provider +
  - Home caregiver
  - Patient/consumer
- Disruptive





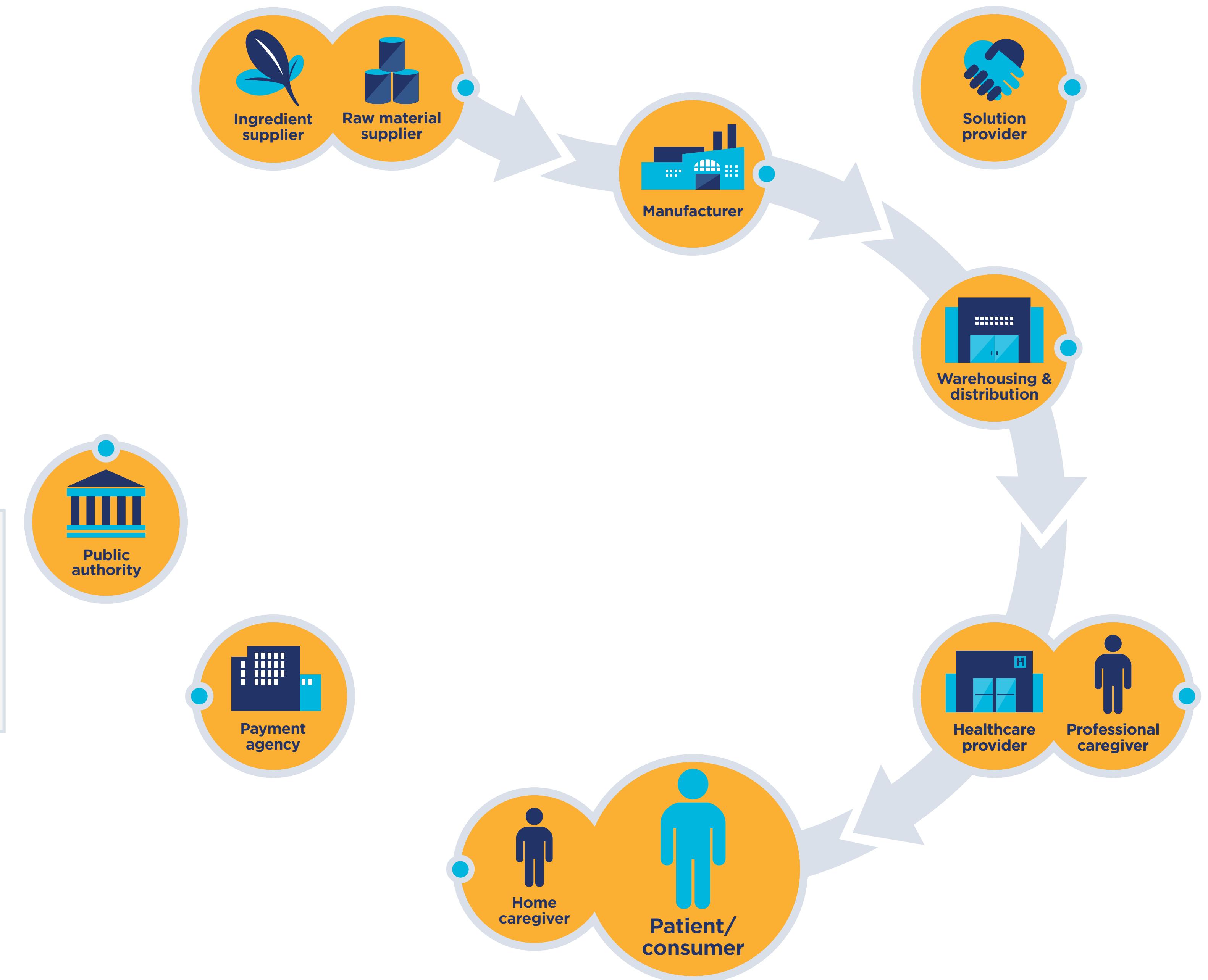
## GS1 enables healthcare's digital thread

### Processes

Physical flow	⊕
Patient data	
Transactional data	⊕
Reimbursement	

### Strategies

Current business	⊖
Global regulatory alignment	
Security/traceability/anti-counterfeiting	
Data quality and completeness	
Operationalisation of standards	
Trading partner data exchange	
Patient/provider	⊕
Disruptive	





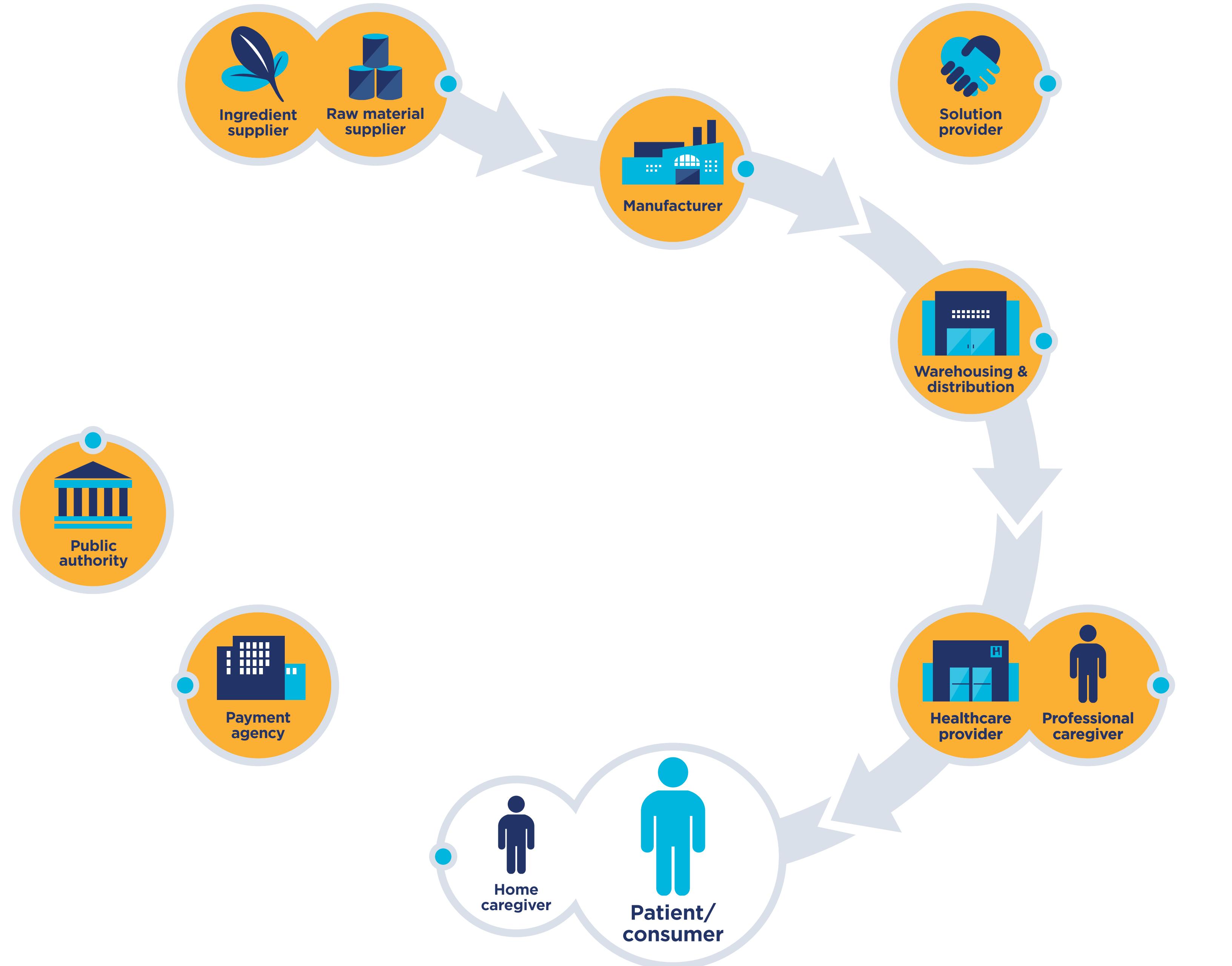
## GS1 enables healthcare's digital thread

### Processes

- Physical flow
- Patient data
- Transactional data
- Reimbursement

### Strategies

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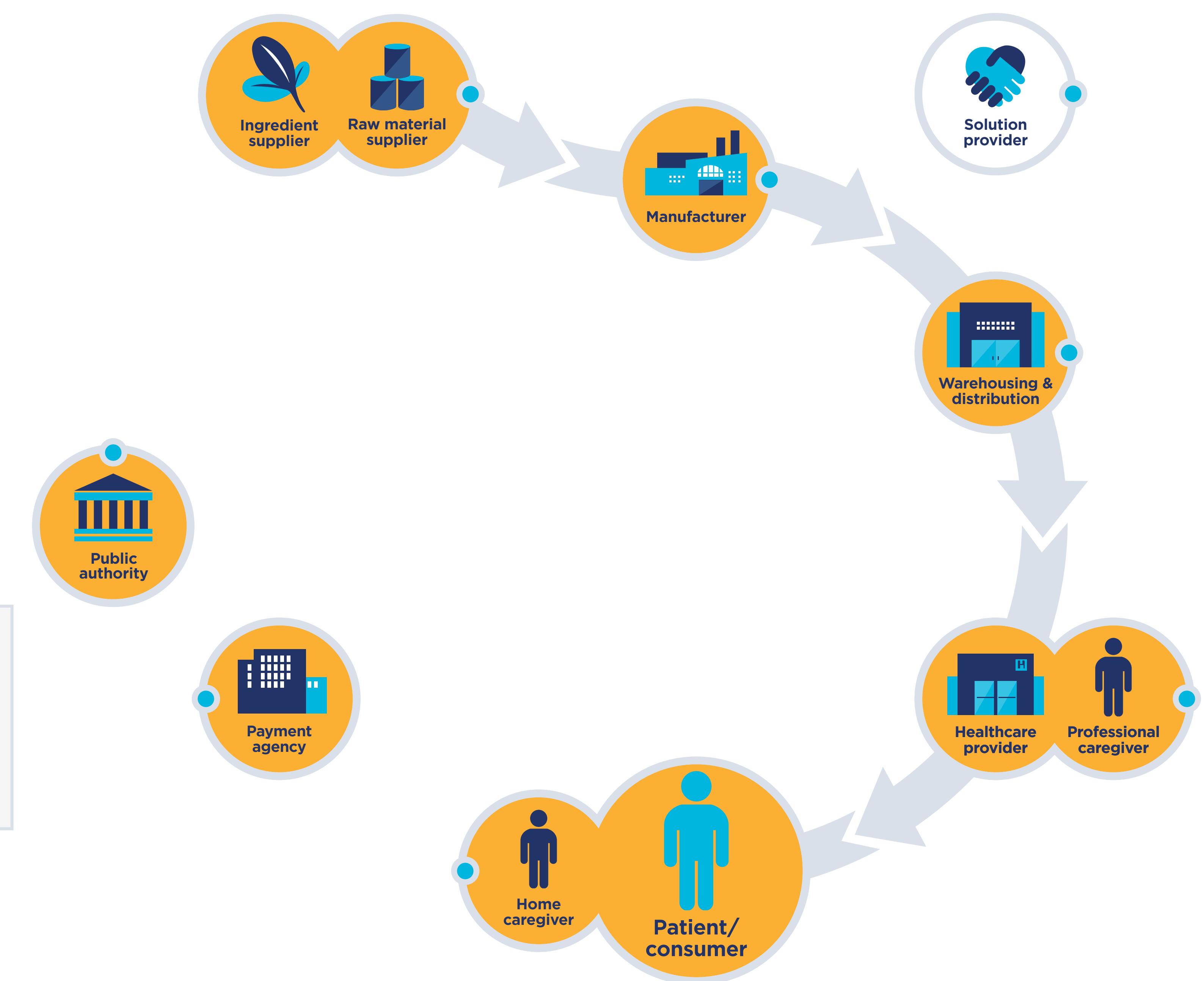
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### Processes

Physical flow	⊕
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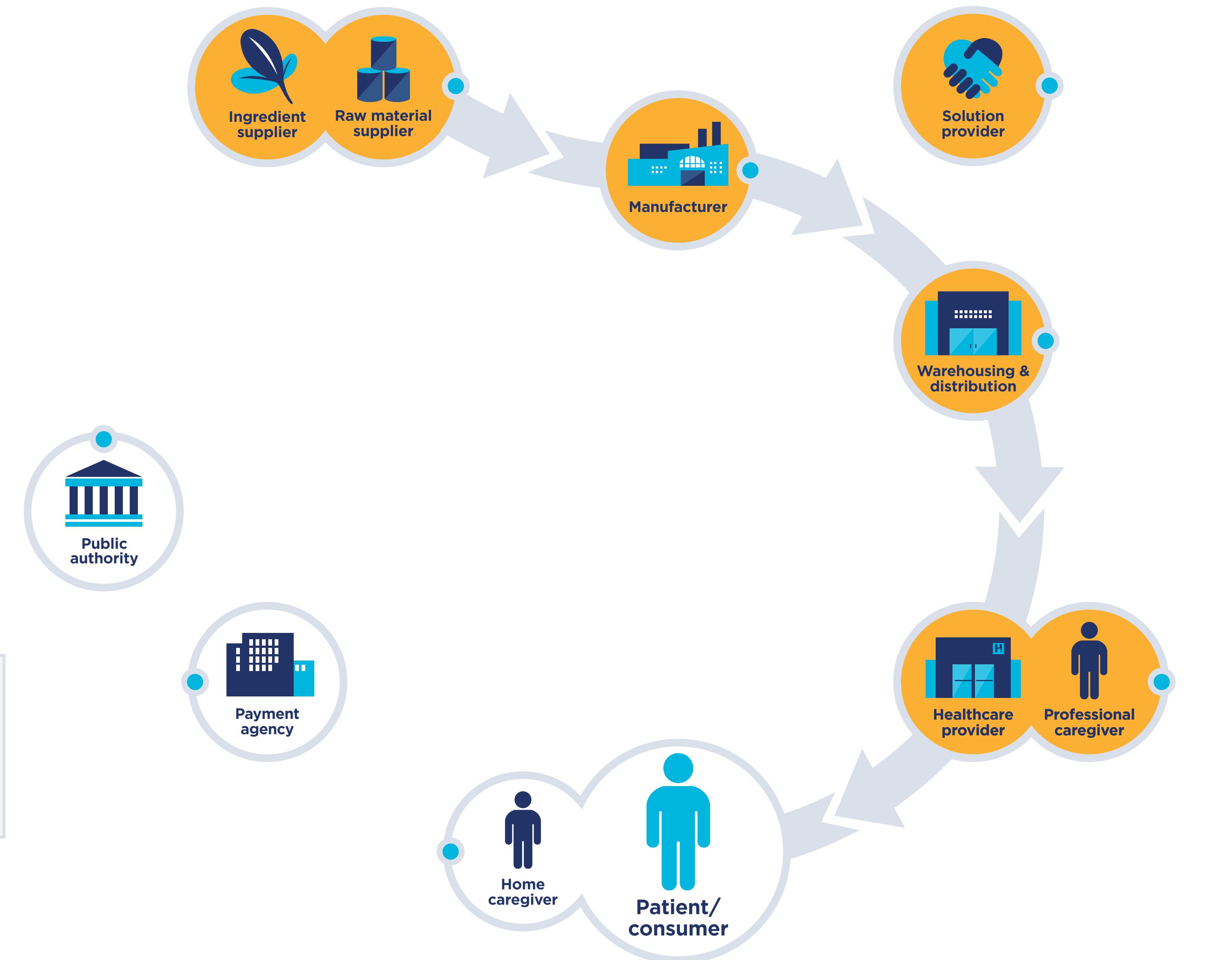
## GS1 enables healthcare's digital thread

### Processes

- Physical flow +
- Patient data
- Transactional data +
- Reimbursement

### Strategies

- Current business -
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- Patient/provider +
- Disruptive





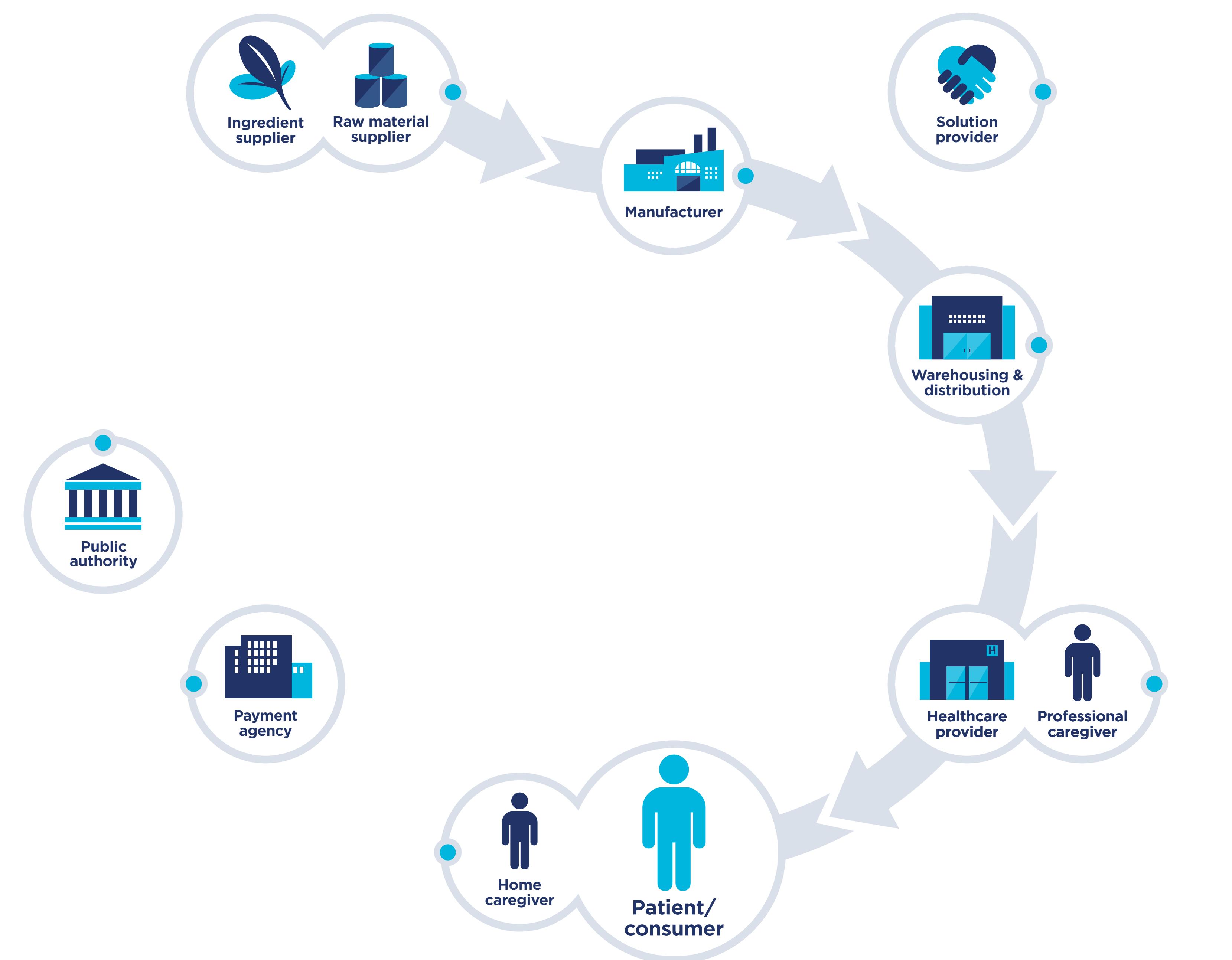
GS1 enables healthcare's digital thread

#### Processes

Physical flow	⊕
Patient data	
Transactional data	⊕
Reimbursement	

#### Strategies

Current business	⊕
Patient/provider	⊖
EHR/system interoperability	
Digital bridge	
Reimbursement agency engagement	
Single unit ID and patient/caregiver ID	
Disruptive	





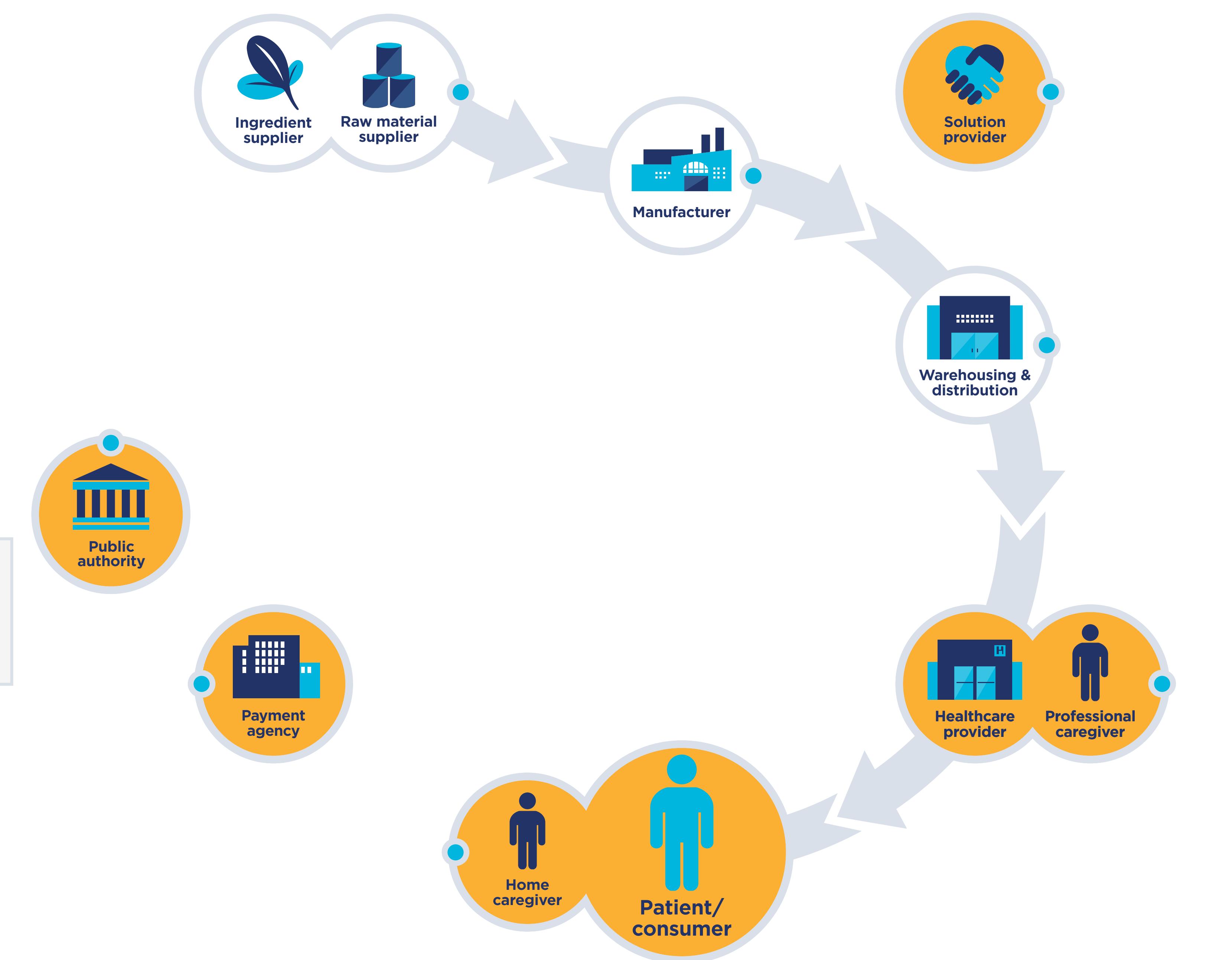
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Reimbursement	

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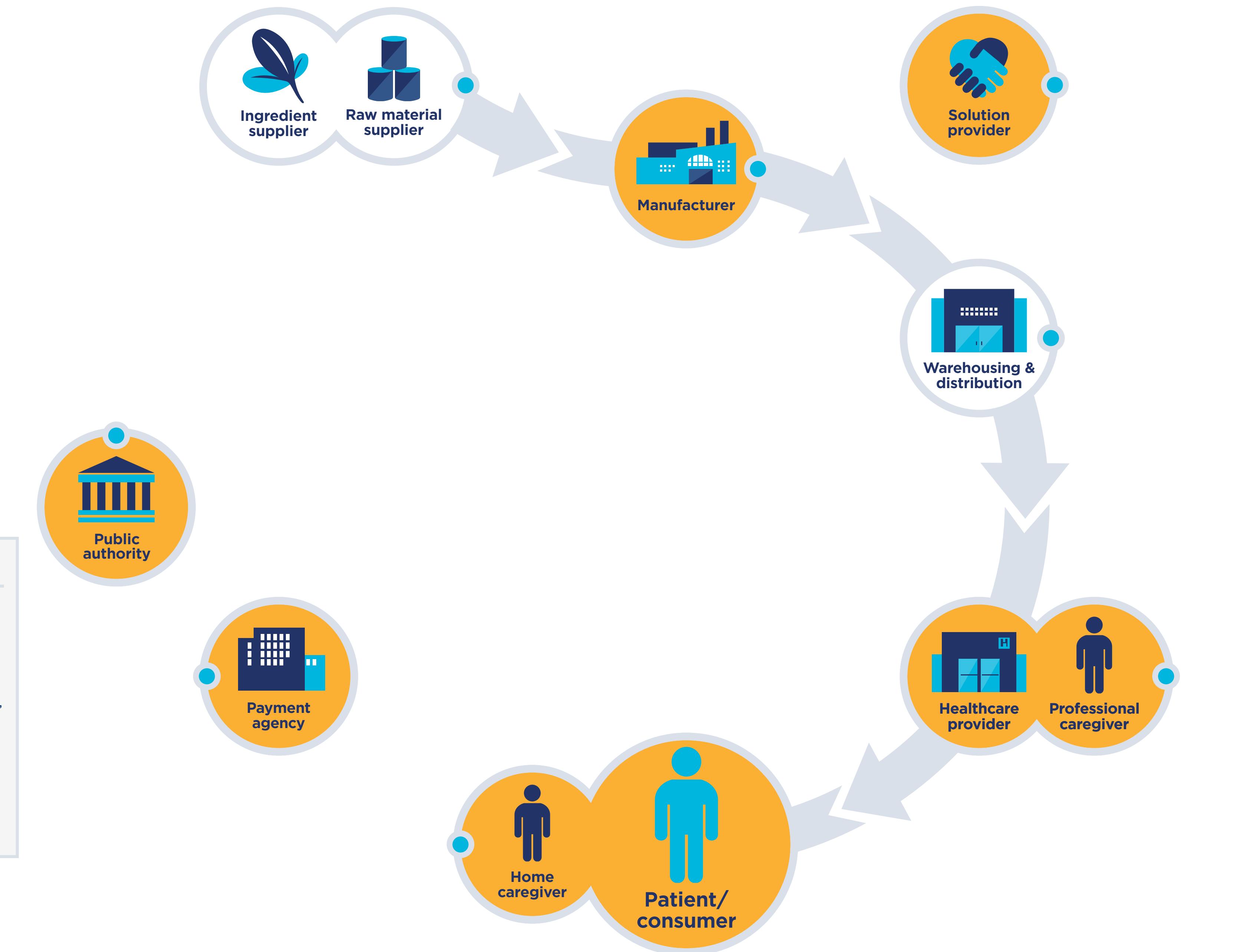
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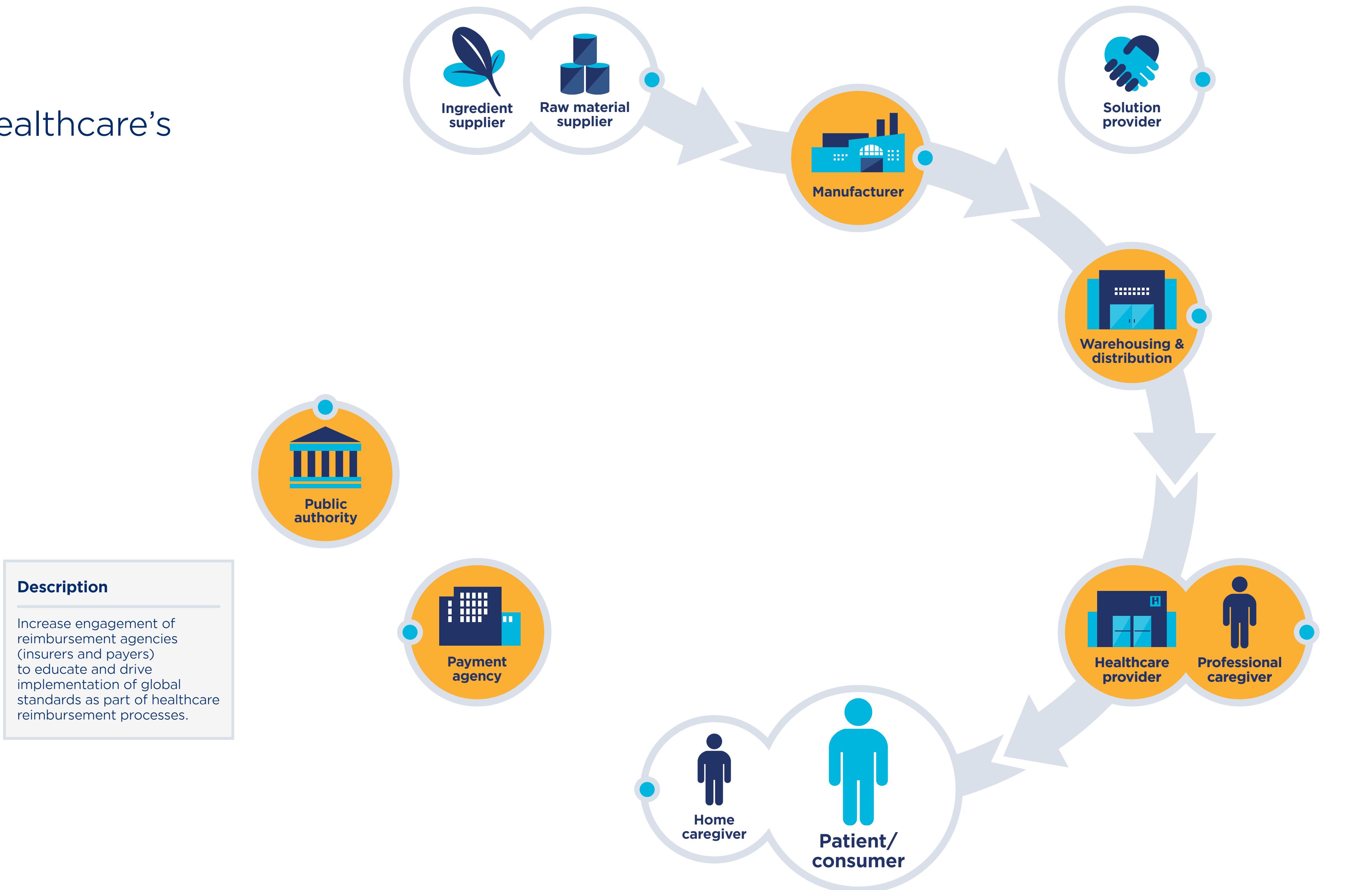
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## GS1 enables healthcare's digital thread

### Processes

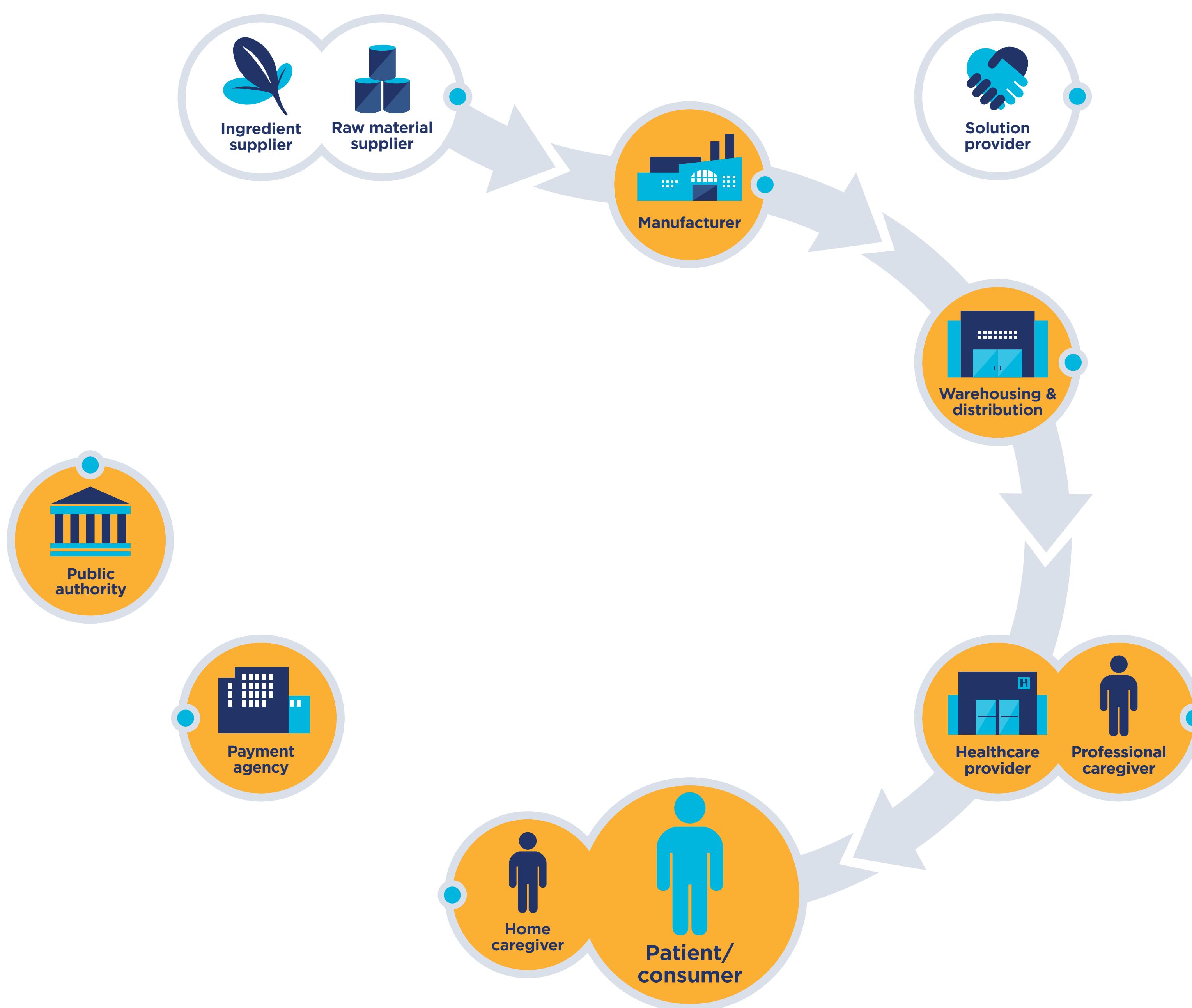
- Physical flow +
- Patient data
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### Strategies

- Current business +
- Patient/provider -
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#### Description

Increase education and implementation of GS1 identifiers and barcodes for patient and caregiver identification and primary packaging identification to enable scanning at the point of care.





## GS1 enables healthcare's digital thread

### Processes

- Physical flow ⊕
- Patient data
- Transactional data ⊕
- Reimbursement

### Strategies

- Current business ⊕
- Patient/provider ⊕
- Disruptive

#### Description

Research and monitor technology developments that may impact GS1's role in the healthcare environment. Upon identification of areas of impact/opportunities, engage the digital disruptors to encourage them to use GS1 standards, as necessary undertake relevant standards development activities and support implementation activities.

