

# SAFE HARBOR STATEMENT

This presentation contains forward-looking statements (made pursuant to the safe harbour provisions of the Private Securities Litigation Reform Act of 1995). By their nature, forward-looking statements involve risk and uncertainty. Forward-looking statements represent the company's judgment regarding future events, and are based on currently available information. Consequently the company cannot guarantee their accuracy and their completeness, and actual results may differ materially from those the company anticipated due to a number of uncertainties, many of which the company is not aware of. For additional information concerning these and other important factors that may cause the company's actual results to differ materially from expectations and underlying assumptions, please refer to the reports filed by the company with the 'Autorité des Marchés Financiers'.



# OUR TODAY JOURNEY WILL TAKE US TO:



Anticipating the future healthcare key trend Shaping the future healthcare ecosystem BY JAN ERYK UM(ASTOWSK) 14:50 17:45 COCKTA(L

17:35

**Financial communication** 

🛎 cegedim

14:35

From a business model transformation plan to a unique connected healthcare ecosystem

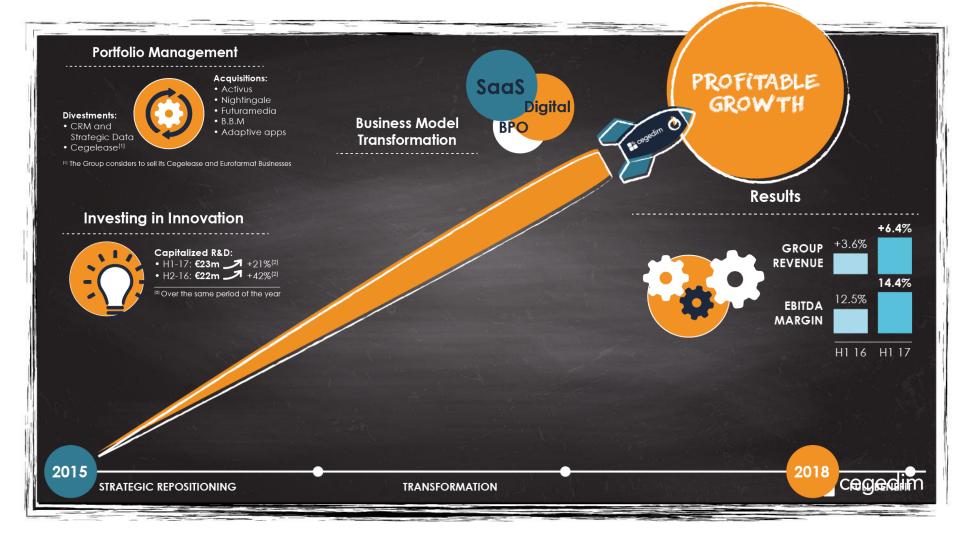
BY LAURENT LABRUNE, CEO Examples of innovative BY JANERYK UMIASTOWSKi connections across healthcare ecosystems

15:05

BY DAVID SYR, JEROME MATHA, CHRISTIAN-ERIC MAUFFRE, GUY TAIEB, ERIC JAROUSSE, OLIVIER HUA, ARNAULT BILLY, PHILIPPE SIMON, OLIVIER ROUAS



# BUSINESS MODEL TRANSFORMATION PLAN:





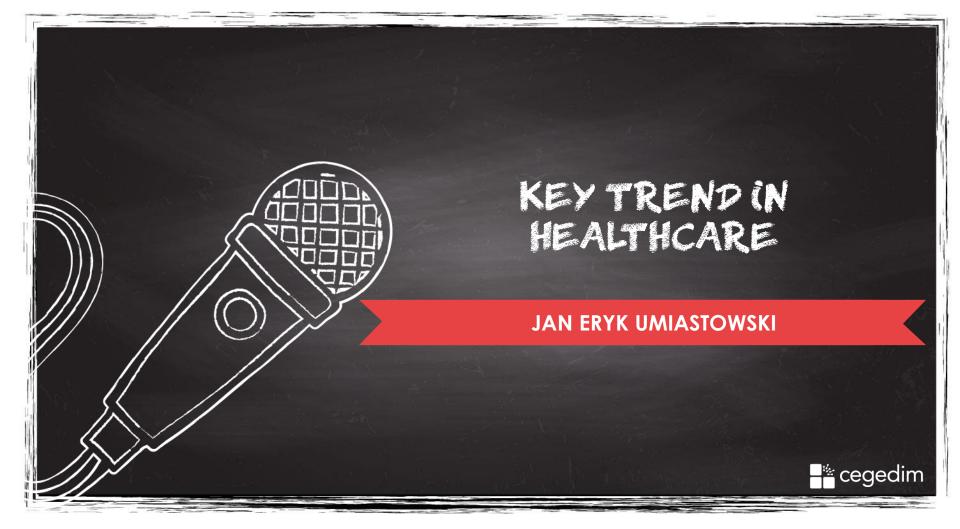
#### FROM A Business model transformation plan

#### TO AN

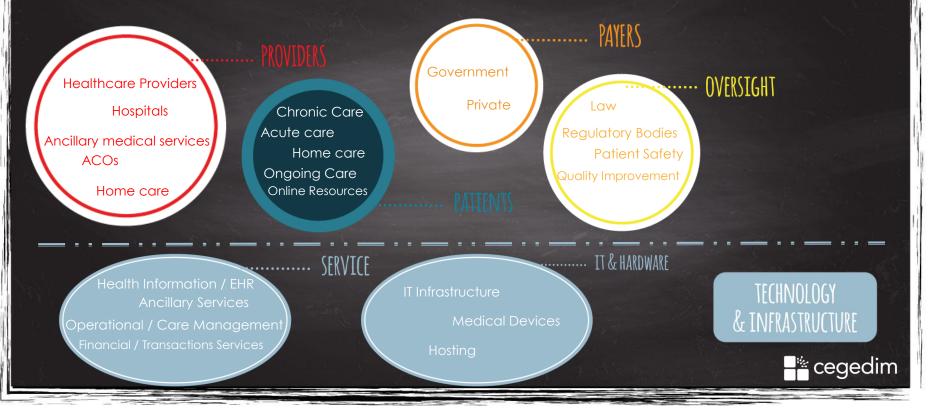
Integrated connected, full-service Cloud-digital suite

CEGEDIM IS NOT JUST CREATING NEW PRODUCTS AND SERVICES; WE HELP SHAPING THE NEW DIGITAL HEALTHCARE ECOSYSTEM

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# HEALTHCARE ECOSYSTEM



# KEY FACTS TO KNOW!







TRILLION

2020

cegedim

+24%

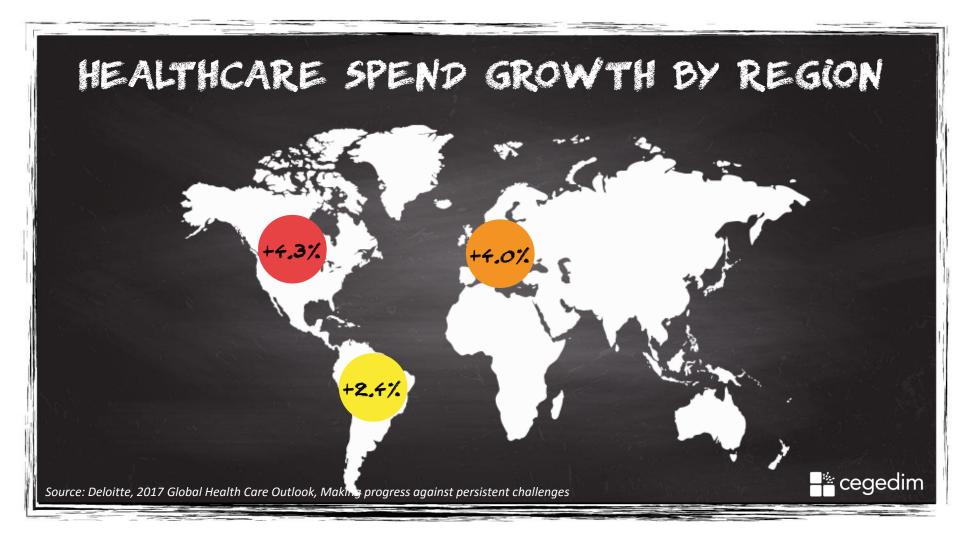


Source: Deloitte, 2017 Global Health Care Outlook, Making progress against persistent challenges



GLOBAL HEALTHCARE SPEND

MOSTLY STABLE IN



# RISING DEMAND AND ASSOCIATED SPENDING ARE FUELED BY





#### World Population over 60 between 2015 and 2050(1)

#### LIFE EXPECTANCY INCREASE PER YEAR TILL 2020<sup>(2)</sup>

Source: (1) http://www.un.org/en/development/desa/population/publications/pdf/ageing/WPA2015\_Report.pdf (2) Deloitte, 2017 Global Health Care Outlook, Making progress against persistent challenges



# RISING DEMAND AND ASSOCIATED SPENDING ARE FUELED BY

GROWING PREVALENCE OF CHRONIC DISEASES

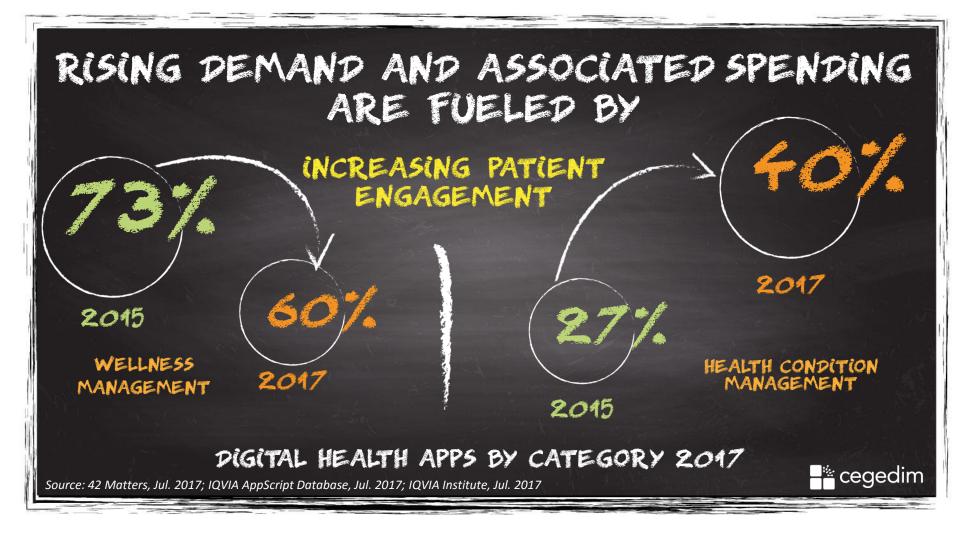
#### % OF CHRONIC DISEASES IN GLOBAL DISEASES

2020

🛎 cegedim

Source :World Health organization at http://www.who.int/nutrition/topics/2\_background/en/

2001



### RISING DEMAND AND ASSOCIATED SPENDING ARE FUELED BY INNOVATION REALTIME CLOUP ARTIFICIAL SOCIAL INTELLIGENCE MOBILE BLOCKCHAIN INTERNET OF HEALTH THINGS Healthcare technology is advancing quickly and is transforming care delivery and health administration 🛎 cegedim

# THE WORLD IS BECOMING MORE AND MORE CONNECTED

% traffic from wireless and mobile devices of total IP raffic by 2021<sup>(2)</sup>



Unique mobile phone subscribers worldwide<sup>(1)</sup>

#### Wearable devices sold worldwide in 2017<sup>(3)</sup>

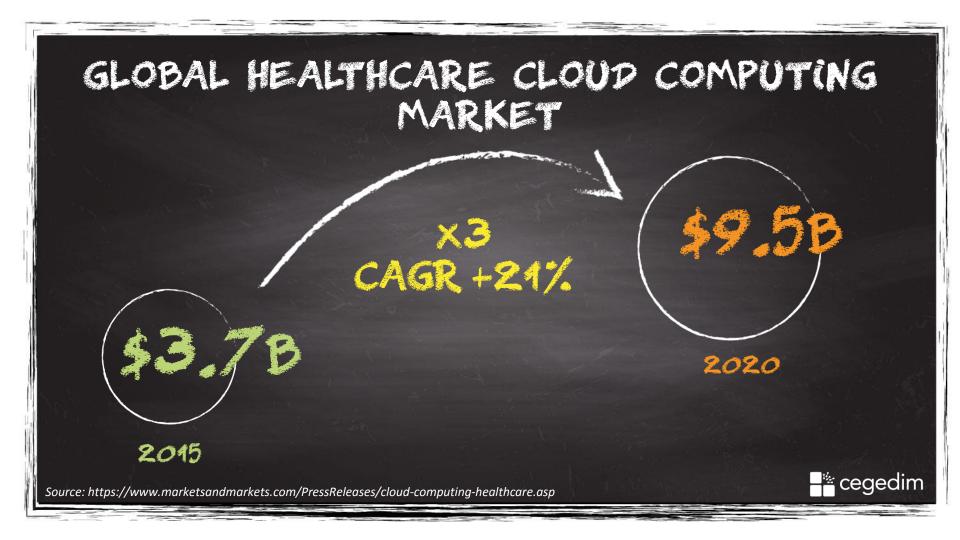
STOM



Of the world population is using the Internet(<sup>4)</sup>

#### Source:

- (1) https://www.gsma.com/newsroom/press-release/number-of-global-mobile-subscribers-to-surpass-five-billion-this-year/
- (2) https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/complete-white-paper-c11-481360.html
- (3) Gartner Says Worldwide Wearable Device Sales to Grow 17 Percent in 2017
- (4) https://www.washingtonpost.com/news/worldviews/wp/2016/11/22/47-percent-of-the-worlds-population-now-use-the-internet-users-studysays/?utm\_term=.1ddc9883765d



#### AGING POPULATION

INNOVATION

## GROWING PREVALENCE OF CHRONIC DISEASES

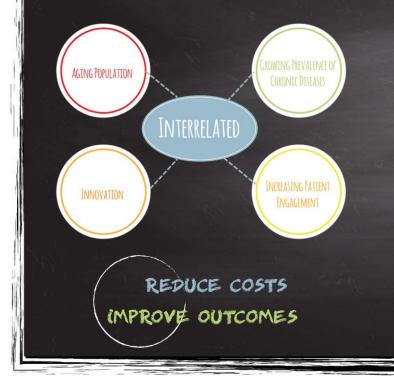
INTERRELATED

INCREASING PATIENT ENGAGEMENT

Example: The aging trend will also drive the need to palliative care and the treatment of chronic condition such as cancer, diabetes and dementia, which require significant resources and longterm commitment on the part of both patient and healthcare system



# CONNECTED ECOSYSTEM IS THE FUTURE OF HEALTHCARE



ALL THESE FORCES ARE POINTING TOWARD AN EVER-MORE COMPLEX AND INTERCONNECTED HEALTH AND CARE ENVIRONMENT

CONSUMER AND CLINICIAN EXPECTATIONS ARE ALSO CHANGING AT A RAPID PACE ALONGSIDE TECHNOLOGY CHANGE, CREATING A PERFECT STORM OF HEALTHCARE TRANSFORMATION



# CONNECTED ECOSYSTEM IS THE FUTURE OF HEALTHCARE

COST REDUCTION THROUGH

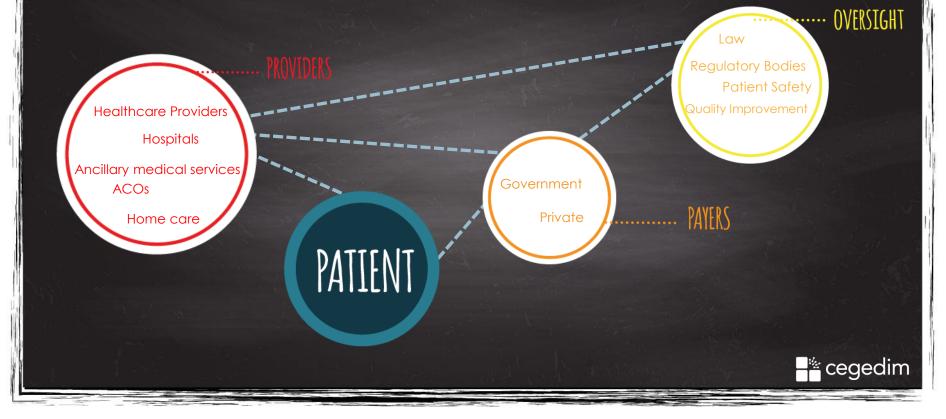
#### ENHANCED QUALITY OF CARE

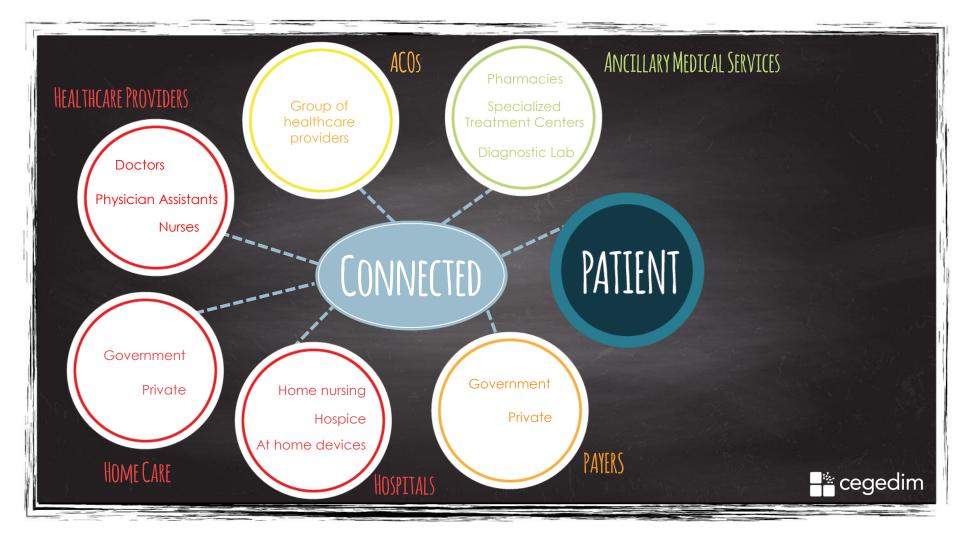
- INTEROPERABILITY OF MEDICAL DEVICES - IMPROVED CAREGIVER COORDINATION - ADOPTION OF EHR - IMPROVED ADMINISTRATIVE EFFICIENCY - OPTIMIZED REIMBURSEMENT - FIGHT AGAINST FRAUD - REDUCE MEDICAL ERROR - IMPROVED PATIENT ENGAGEMENT - CAREGIVERS TAKE MORE INFORMED DECISION - TREAT RURAL PATIENT FROM DISTANCE MEDICAL LOCATION

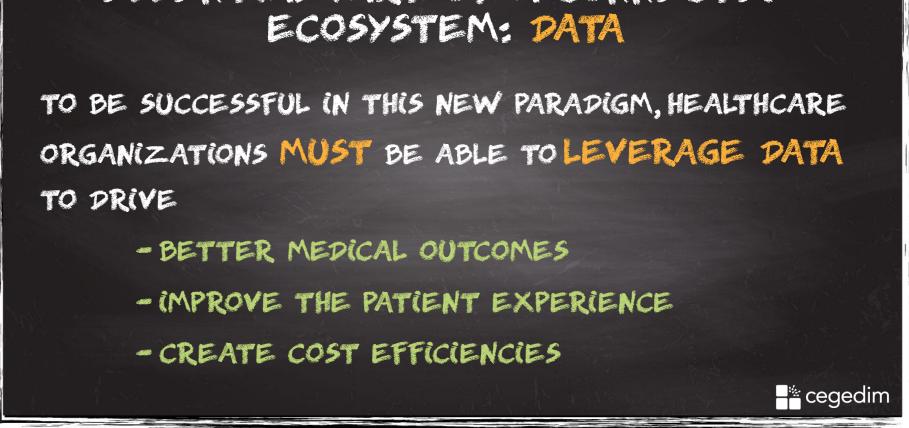
- IMPROVE DIAGNOSIS AND TREATMENT PREVENTION

- cegedim

# CONNECTED HEALTHCARE ECOSYSTEM







# ESSENTIAL PART OF A CONNECTED

# ESSENTIAL PART OF A CONNECTED ECOSYSTEM: SECURITY

TRUST is critical to connected care given the OFTEN-SENSITIVE NATURE OF THE DATA INVOLVED



GERMAN HEALTHCARE PROCESSIONALS THAT SEE PRIVACY AND SECURITY CONCERNS AS A TOP BARRIER TO THE ADOPTION OF CONNECTED CARE TECHNOLOGY

- cegedim

#### DATA MUST BE ALWAYS PROTECTED:





## LEGAL ASPECT

REGULATORY FRAMEWORKS HAVE NOT EVOLVED AT THE SAME SPEED THAN TECHNOLOGY LEGAL LIABILITY MIGHT RESULT FROM HEALTH DIGITALIZATION

For example, if a reading signals that the patient is experiencing a clinically significant event which requires an intervention, is the physician liable for malpractice if he doesn't act on that information?

ceaedim

# REIMAGINING AND RECONFIGURING ECONOMIC INCENTIVES

VALUE BASED PAYMENT

HEALTHCARE ORGANIZATIONS REWARDED FOR DOING THE RIGHT THINK AT THE RIGHT TIME TO SUPPORT THEIR PATIENTS HEALTH
PAYMENT BASED ON BEST PRACTICES
OUTCOME-RELATED REIMBURSEMENT OF TREATMENTS - BASED ON REAL-LIFE DATA
CONNECTED AND VIRTUAL CARE NEED A CLEAR COMPENSATION STRUCTURE
EVIDENCE-BASED MEDICINE



EMERGING FINANCIAL MODELS

- REMOTE PATIENT MONITORING TO IMPROVE THE HEALTH OF POPULATIONS, WHILE MINIMIZING COST

- PERSONALIZED THERAPIES
- WELLNESS
- -PREVENTION

DIGITAL CARE TRANSFORMATION AND THE CONNECTED ECOSYSTEM ENABLE NEW MODELS OF CARE DELIVERY THAT FOCUS ON

EVERY SPACE OF HEALTH is TRANSFORMING

CARE DELIVERY PLATFORMS WILL BE INSTRUMENTAL FOR ENGAGING PATIENTS IN THEIR OWN CARE AND DELIVERING REMOTE MONITORING SERVICES TO A LARGE NUMBER OF PEOPLE IN A COST EFFICIENT WAY

REMOTE PATIENT MONITORING

Care delivery platforms are software solutions that enables the remote delivery of healthcare services and allow care efforts to be coordinated between patients, various professional caregivers and other stakeholders such as the patients' family

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+33,8% CAGR

32 FBN

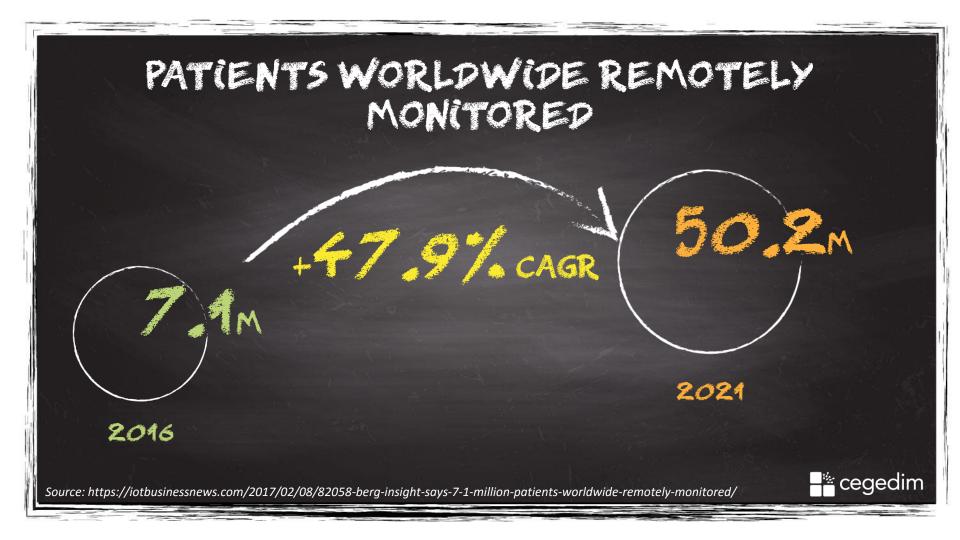
£

2021



\$7.5BN

2016



# MHEALTH(1) STRONG GROWTH INSIDE RPM(2)

51.3%

cegedim

2021

#### 2016 ASA % OF TOTAL REVENUE FROM RPM

#### Source:

- (1) mHealth connectivity solutions, care delivery platforms and mHealth care programs
- (2) RPM: Remote Patient Monitoring

32.5%

(3) Source: http://www.berginsight.com/ReportPDF/Summary/bi-mhealth8-sum.pdf



- cegedim

TRANSFORMATION IN HEALTHCARE ALREADY BEGUN, DRIVEN BY TECHNOLOGY INNOVATION AND CHANGES IN HEALTHCARE ORGANIZATION

RISING MARKET ACCEPTANCE

# WE ARE ALREADY SEEING EVIDENCE

4/3

SAVED WORLD-WIDE THROUGH THE REMOTE MONITORING OF PATIENTS WITH CHRONIC DISEASE (1)

\$36BN

OF FRENCH PEOPLE THINK THAT, IN SOME CASES, A REMOTE CONSULTATION CAN BE A SUBSTITUTE FOR GOING TO THE DOCTOR (2) 50%

OF GP WOULD BE INTERESTED IN USING CONNECTED OBJECTS AS PART OF THEIR PROFESSIONAL PRACTICE(3)



Source: (1) Juniper research; (1) TNS Sofres; (3) Imago research study

### WE ARE ALREADY SEEING EVIDENCE





WIG

AGED 18-34 REPORTED USING DEVICES TO SCHEDULE APPOINTMENTS OR CHECK THEIR HEALTH STATUS

🖆 cegedim

PHYSICIANS WILL LIKELY FACE PRESSURE IN THE NEAR FUTURE FROM MILLENNIALS WHO EXPRESS STRONG INTEREST IN USING TECHNOLOGIES TO CONNECT WITH THEIR PRIMARY CARE PHYSICIANS

Source: (1) LBi Health; (2) McKinsey & Company, Debuking common myths about healthcare consumerism, Dec. 2015

## MANY PATIENTS HAVE ALREADY TAKEN STEPS IN THIS DIRECTION

Today's healthcare consumers have come to expect the same informative and action-oriented online experiences in healthcare that they find in other industries

ACCORDING TO A ACCENTURE SURVEY IT IS AT LEAST SOMEWHAT IMPORTANT TO BE ABLE TO



76%

73%

BOOK, CHANGE OR CANCEL APPOINTEMENT ONLINE



ACCESS THEIR MEDICAL RECORDS ELECTRONICALLY

RECEIVE REMINDERS



COMMUNICATE VIA SECURE EMAIL WITH PROVIDERS

🛎 cegedim

#### **REFILL PRESCRIPTIONS**

Source: Accenture, survey done in Australia, brazil, Canada, England, France, Germany, Singapore, Spain and US

- DIGITAL HEALTH TOOLS
- TELEHEALTH

### DRIVERS & SHARPERS

- A NEW GENERATION OF PHYSICIANS
- INTERNET & MOBILE USAGE
- PATIENT ENGAGEMENT
- PAYMENT REFORM
- WORKER SHORTAGE
- RISING COSTS

### DRIVERS

#### - PRIVACY & SECURITY

- TELEHEALTH
- WELLNESS
- HOME CARE
- CHRONIC DISEASE
- RAPIDLY AGING POPULATION

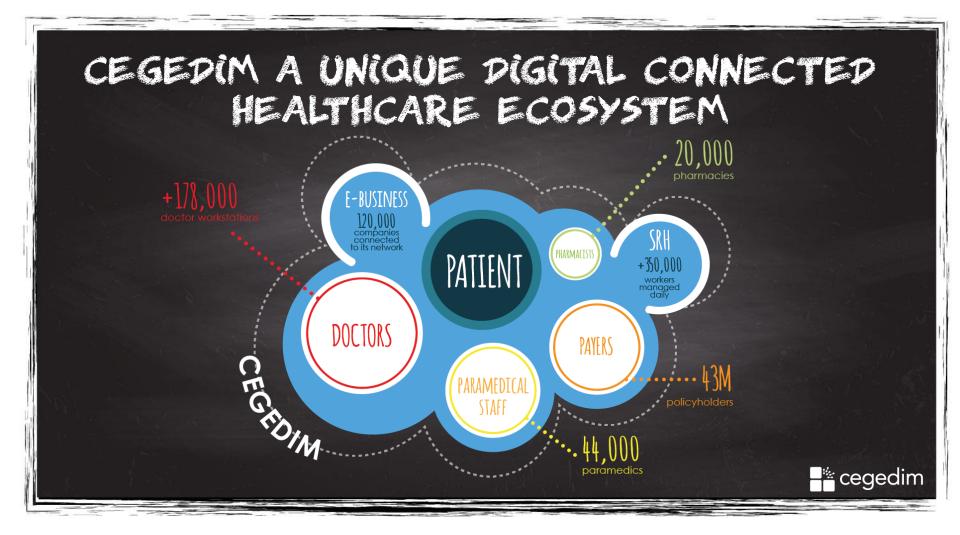
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### SHAPERS

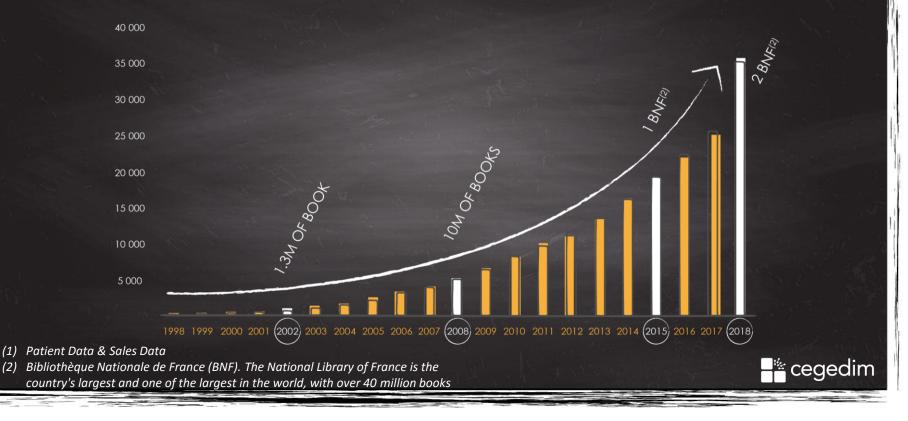
# TRENDS DRIVING & SHAPING HEALTHCARE

#### L'AVENIR, TU N'AS PAS À LE PRÉVOIR MAIS À LE PERMETTRE AS FOR THE FUTURE, YOUR TASK IS NOT TO FORESEE IT, BUT TO ENABLE IT ANTOINE DE SAINT-EXUPÉRY, CITADELLE





### CEGEDIM HEALTH DATA(1) IN GYGABYTES





Transformation

# Examples of innovative connections across healthcare ecosystems

David Syr, Jérôme Matha, Christian-Eric Mauffre, Guy Taieb, Eric Jarousse, Olivier Hua, Workshop session Arnault Billy, Philippe Simon, Olivier Rouas

# **GERS DATA**

Transformation

Ecosystem

David Syr Operations Manager



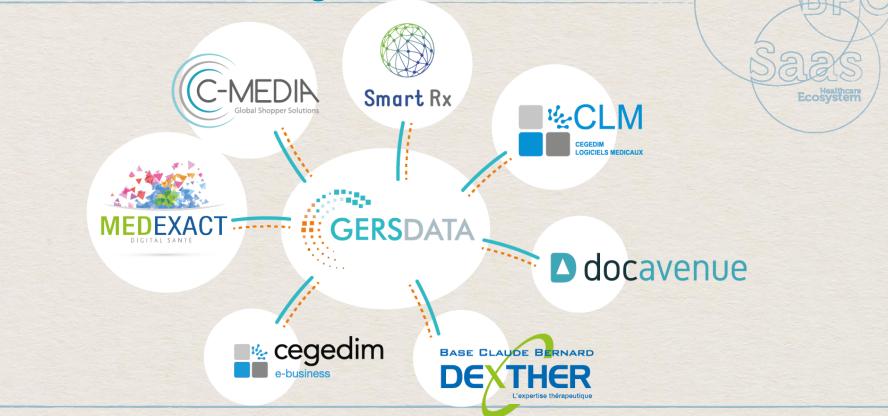


# **GERS DATA**

### From Prescription to Fulfillment



### Continuously reinventing DATA usage



**Transformation** 



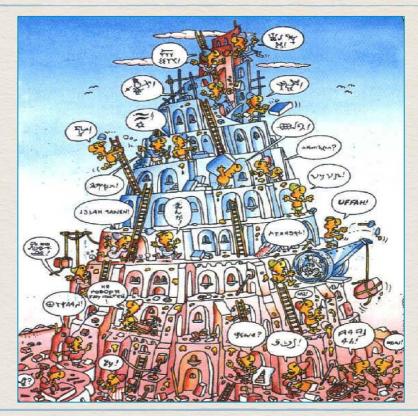




# Centered on the patient



### Patient data anonymized in a transparent manner



GERSDATA

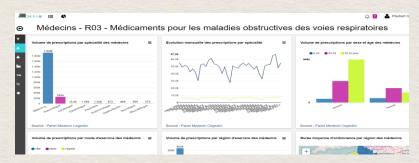
### A unique Reference source

Gain insight into prescriber behavior, patient course of care, and the pharmacist's role, while respecting rules for proper usage.

### Speak the same language:

- Healthcare professionals
- Learned societies
- Health industry
- Health authorities
  - (CEPS, CNAMTS, DSS, DREES, DGS, etc.)

### Innovative visuals:



Transformation

-1	Cancer broncho-pulmonaire		
			🚽 Cancer broncho-pulmonaire
	Syndromes paranéoplasiques Manifestations paranéoplasiques	om E	Classification Pré-opératoire Post-opératoire
	Cushing Gynécomastie Hématologique Hippocratisme digital Hypercalcémie Neuromusculaire Ostéoarthropathie hypertrophiante pneumique de Pierre Marie et Foix Syndrome de Schwartz-Bartter Autre Autre	nce 15/ ⊢Sein ⊧Thyroide	Extensions Extensions Extension locale T - Absence de tumeur primitive TX - Présence de cellules malignes dans l'expectoration ou l'aspiration bronchique TI - Carcinome in situ T1 - Carcinome in situ T2 - Sour - Carcinome in situ T3 - Carcinome in situ T4 - Extension aux structures médiastinales ou de voisinage ou pleurésie maligne Extension ganglionnaire N1 - Adénopathie péribronchique et/ou bilaire homo-latérale N2 - Adénopathie contro-latérale et/ou sour sour carénaire N3 - Adénopathie contro-latérale et/ou sour source advisualire N3 - Adénopathie extension source advisualire N4 - Source
	Extension thorax Envahissement local thoracique Bronche lobaire inférieure droite Bronche lobaire inférieure gauche Médiastin		NO - Pas de métastase     MO - pas de métastase     Description
	Bronche lobaire moyenne       Paroi thoracique         Bronche lobaire supérieure droite       Plèvre pariétale         Bronche lobaire supérieure gauche       Plèvre viscérale         Bronche souche droite       Trachée         Bronche souche gauche       Trachée	0	Uccutte         Docuite: TX × N0 + M0           Stade 0         Stade 0           Stade 1         Stade 0: T1S + N0 + M0           Stade 1         Stade 1: T1 ou T2 + N0 + M0           Stade 11         Stade 1: T1 ou T2 + N0 + M0           Stade 11         Stade 1: T1 ou T2 + N1 + M0           Stade 11         Stade 1: T1 ou T2 + N1 + M0           Stade 11A         Stade 1: T1 ou T2 + N1 + M0           Stade 11B         Stade 1: T1 ou T2 + N1 + M0           Stade 11B         Stade 1: T1 ou T2 + N1 + M0           Stade 11B         Stade 1: T1 ou T2 + N1 + M0           Stade 11B         Stade 1: T1 ou T2 + N1 + M0           Stade 1: T1 ou T2 + N1 + M0         Stade 1: T1 ou T2 + N1 + M0



MR. COPD



Doctor visit – Diagnosis is chronic bronchitis from a secondary infection – Prescription (Symbicort)

Doctor visit – Diagnosis is chronic bronchitis from a secondary

# **Yesterday** and, unfortunately, still today

Doctor visit – Diagnosis is chronic bronchitis from a secondary infection – Prescription (Seretide Diskus) Doctor visit – Diagnosis is chronic bronchitis from a secondary infection – Prescription (Seretide Diskus, Seebri Breezhaler) September 12, 2015 October 10, 2015 January 2, 2016 January 30, 2016 April 25, 2016 May 7, 2016 May 8, 2016

> May 27, 2016 June 24, 2016

May 10, 2016

Consultation MG – Délivrance (Symbicort) Délivrance (Symbicort) Consultation MG – Délivrance (Symbicort) Délivrance (Symbicort) Délivrance (Symbicort) Hospitalisation 3 J - Bronchopneumopathies chroniques surinfectées, niveau 2

Transformation

niveau 2 Épreuve quantitative aux agents pharmacodynamiques ou de provocation aux allergènes comportant une mesure du seuil de réactivité Mesure de la capacité vitale lente et de l'expiration forcée, avec mesure des volumes pulmonaires mobilisables et non mobilisables par pléthysmographie Délivrances (Seretide Diskus, Ventoline)

**Consultation MG** 



### Smart Data: some key figures for 2016

3,000,000 patients 13 million EMR consultations 22 million total consultations 19 million medical procedures 8,776 patients xxx SEP xxx

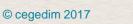
22,000 EMR consultations

34,000 total consultations 

### 22,198 xxx PR xxx

66,000 EMR consultations 100,000 total consultations 33,017 XXX K PROSTATE XXX 107,000 EMR consultations 

150,000 total consultations



Transformation

# **GERS DATA**

Transformation

Ecosystem

The key to the pharmacy

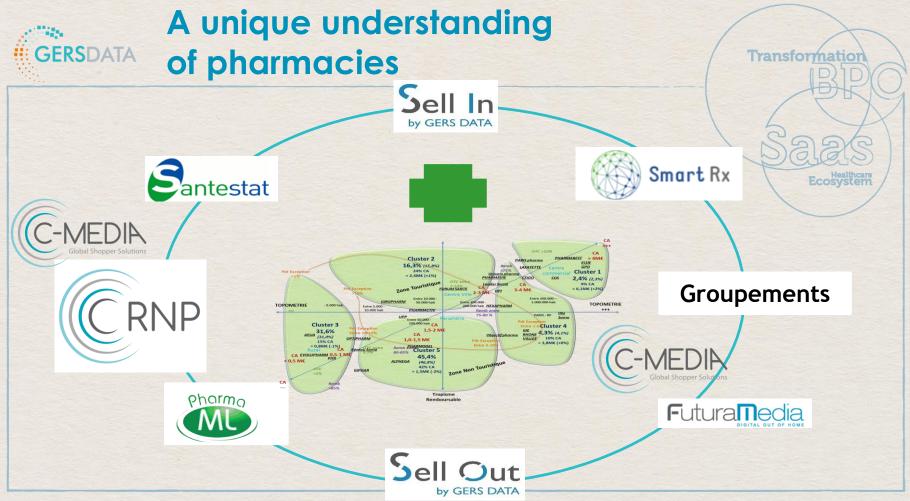


### A unique understanding of the pharmacy ecosystem

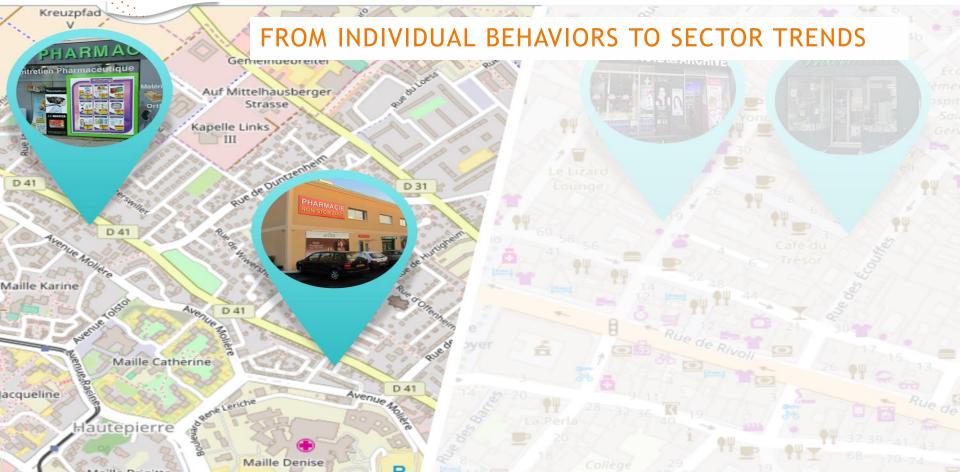
100% of medications in town, at the hospital, and – most importantly – at 100% of pharmacies We identify 100% of prescribers 100% of care facilities



Ecosysten













Jérôme Matha Managing Director of Smart Rx

### Keep pace with a changing market



## Smart Rx Officine



Transformation

Ecosysten

# Smart Rx Groupement



#### **Simplified Software Offering** Smart Rx Officine 2017 2017 Premium Périphar Alliance -Opus Logiphar Smart Rx Périphar $\checkmark$ $\overline{}$ Opus $\checkmark$ Smart Rx

3 guiding principles: Openness Security

Transformation

Ecosystem

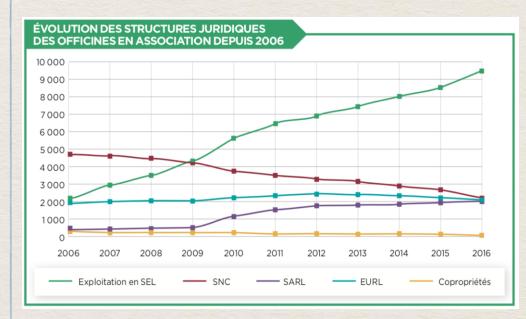
Simplicity

© cegedim 2017





### Pharmacy groups have different needs Transformation



What matters to groups

Ecosystem

- Purchasing
- $\checkmark$  Sales

 $\checkmark$ 

- Services for Patients / Consumers
- $\checkmark$  Services for members



Smart Rx

Groupement

### SMART RX, a core Cegedim business, a one-stop shop for pharmacy groups

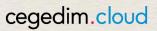


Smart Rx Groupement

Equipment monitoring Time management 360 Groupement Smart Rx Connect







The right organization

/ Development/ Technical expertise/ Dedicated sales force

Transformation

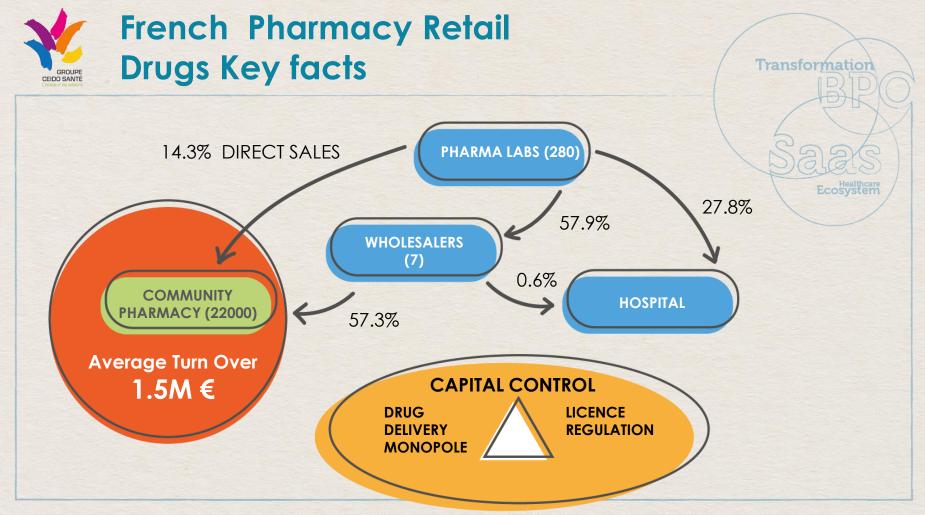
Ecosystem

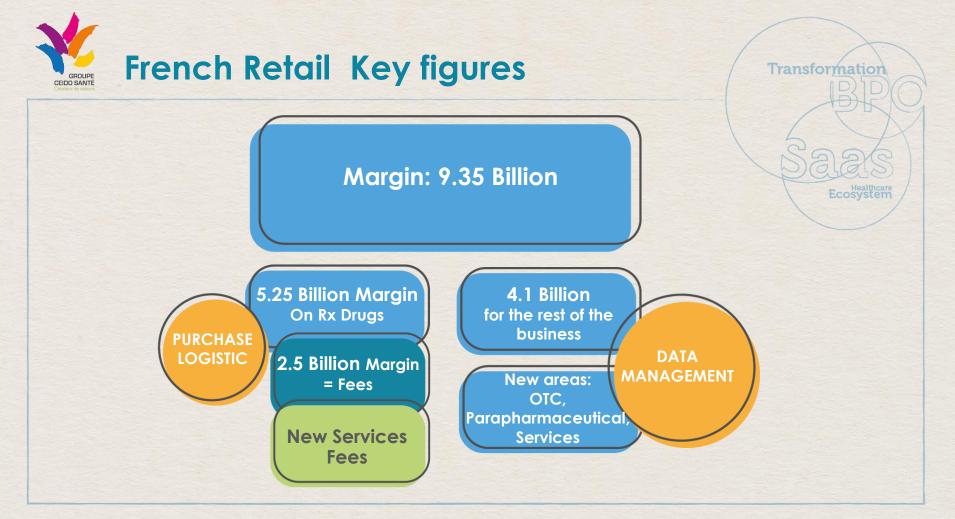


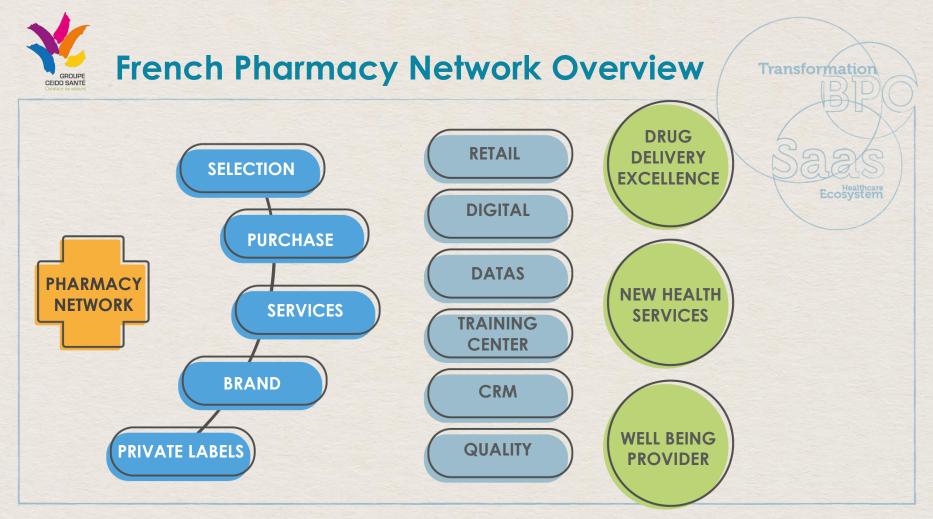
Christian-Eric Mauffré, President of CEIDO Santé pharmacists group



# A bigger picture for Pharmacy Retail in France....









# Preparing the retail in a disruptive world, CEIDO develops innovation capabilities to ensure progress

#### TERRITORIAL UNIT

- Management entity and business leverage
- Average Size €3.5M Turnover growth 3.5% (France 0.5%)

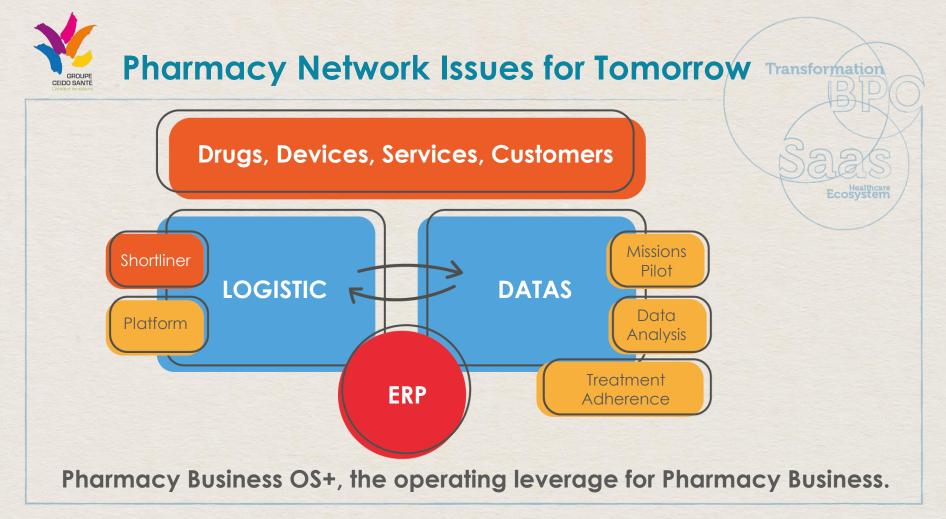
#### COLLABORATIVE APPROACH

Pharmacists involved in businesses trough digital tools

#### HEALTHCARE CENTER

• A new way to face oriented customer relation for tomorrow

CUSTOMER ORIENTATION DIGITAL EXCELLENCE Transformation





# A building partnership for pharmacy business OS+

#### FROM SALES REPORT TO DATA INTELLIGENCE

• Building a brand new ECOSYSTEM for Pharmacy

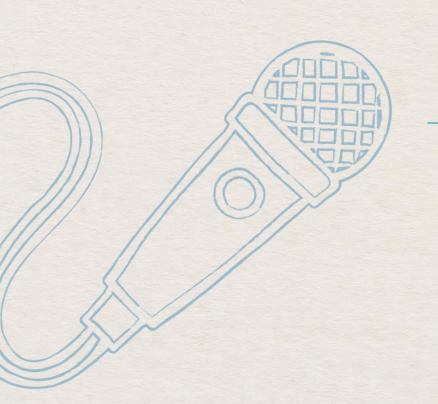
#### CREATING DATA WITH ADDED VALUE

- Supply chain / Stock Management
- Trade / Sell out orientation
- Retail productivity
- Team performance analysis

#### A NEW FOCUS ON CUSTOMER

- Customer behaviour
- Treatment adherence improvement
- Link between digital and physical retail

Transformation



# **FUTURAMEDIA**

Guy Taieb Director of Futuramedia



### The **DIGITAL** pharmacy

I. FuturaMedia Group

- 1. What we do
- 2. Key figures
- 3. Products

II. The Digital Pharmacy

- 1. Our vision of the Digital Pharmacy
- 2. Cegedim and the Digital Pharmacy



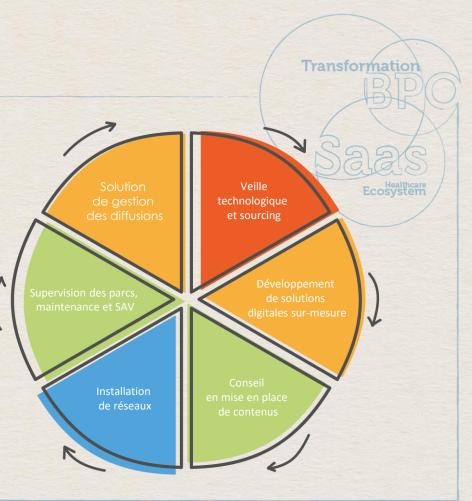
# FUTURAMEDIA GROUP





### A 360° VISION FOR DIGITAL

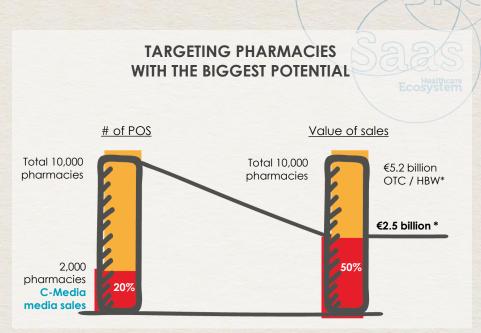
- Develop digital communication solutions for all of Cegedim Group's BUs
- Install digital communication solutions for independent
   and group pharmacies (system leasing revenue)
- → 4 installation teams with more than a decade of experience
- Manage digital communication solutions, customer service and maintenance (system maintenance revenue)
- → 100 service technicians in the field available within 24-48h
- FuturaMedia Group buys, installs, inspects, and repairs digital screens (turnkey solution), and also provides consulting on communication tools





### For c-Media (media sales)

- 2,000 of France's largest pharmacies equipped (revenues of €3m-€70m)
- 8,000 screens installed
  - 7,300 Indoor
  - 700 Outdoor
- **4,000** customer service visits per year (handled within 24-48h)



Transformation

### For Futuramedia group (excl. media sales)

Transformation

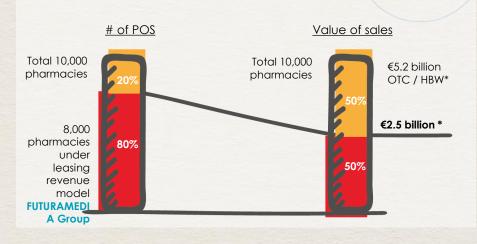
• **8,000** pharmacies with the potential for screens in France

FUTURAMEDIA

 Potential to install 16,000 screens in those pharmacies

#### TARGETING PHARMACIES WITH THE BIGGEST POTENTIAL











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### THE DIGITAL PHARMACY

### Our vision of the digital pharmacy

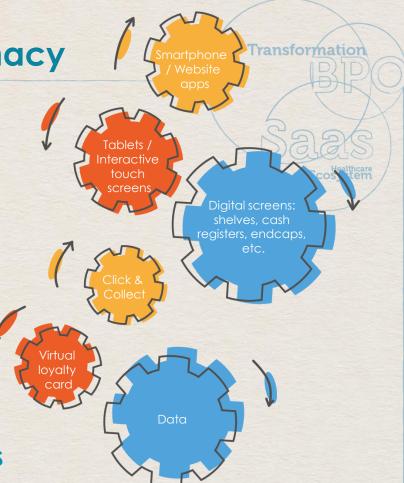
#### What is the Digital Pharmacy?

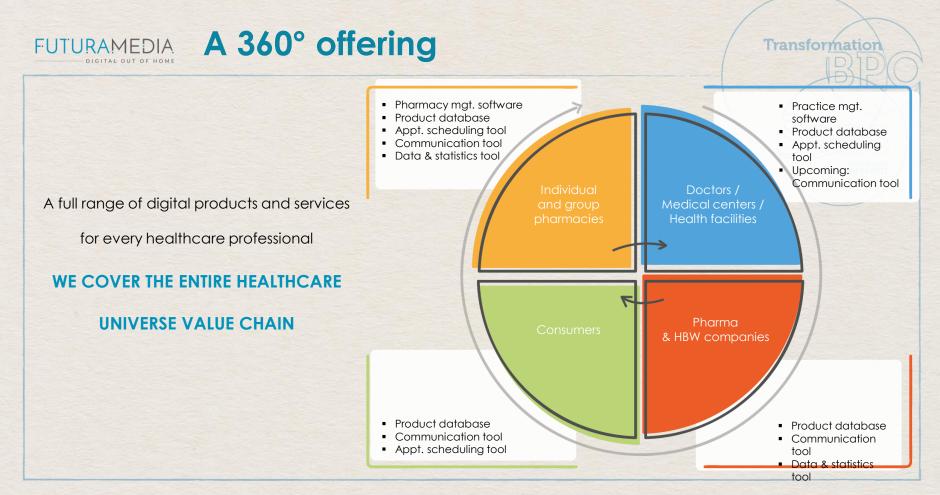
• An exciting point of sale

FUTURAMEDIA

- A point of sale that uses **digital installations** to effectively showcase products
- A point of sale tailored to the patient:
   data = loyalty + personalized offers and advice
- A point of sale available at any time: product and ordering availability

→ A SPECIAL RELATIONSHIP BETWEEN PHARMACISTS AND THEIR CLIENTS







### Cegedim: unique genetic makeupransformation

Our interconnected offerings allow us

FUTURAMEDIA

DIGITAL OUT OF HOMI

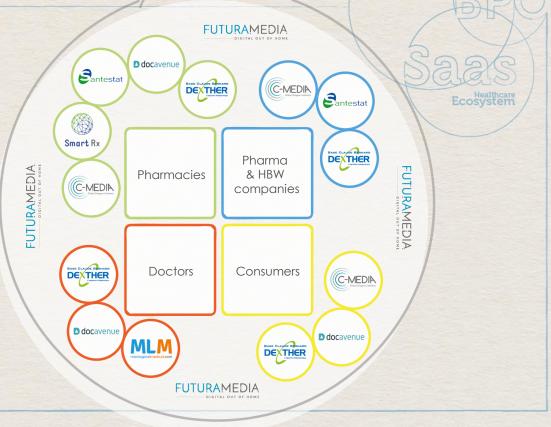
to meet the needs of every player in

the health ecosystem

#### WE COVER THE ENTIRE

#### **HEALTHCARE UNIVERSE**

**VALUE CHAIN** 







### Thank you for your attention



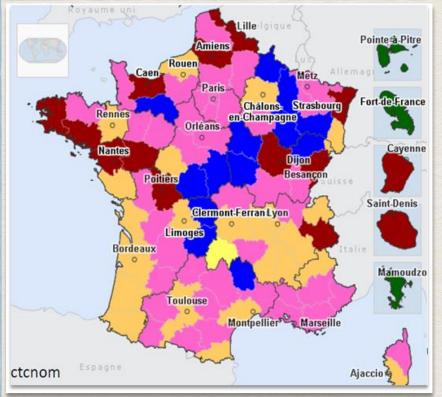
# **TELEMEDICINE**

### Eric Jarrousse Vice-President of Cegedim Healthcare Software



# **MEDICAL DEMOGRAPHICS IN 2017**





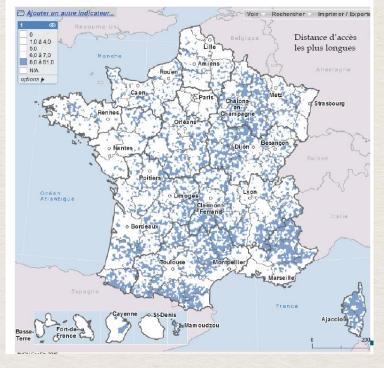
In 45 departments, the general population is rising but the number of doctors is falling (departments in pink at right).

Transformation

Ecosystem



#### DISTANCE D'ACCÈS EN KMS À 1 MG



Rising population, but 88,886 GPs in 2016, 88,137 GPs in 2017.

•

 Result: the distance patients must travel to see a GP is growing, especially for seniors.

Transformation



# GOVERNMENT PLANS AND LAWS IN 2018

### regedim The "regional access to care" plan

- Starting in November, the size of fragile areas eligible for conventional assistance will be expanded (the percentage of the population covered will rise from 7% to 18%) → doctors will travel to low-density areas:
   "consultation avancée" arrangements will let specialists work part-time in low-density areas.
- The plan will encourage flexible retirement (work+retirement) by raising the annual income threshold from €11,500 to €40,000 (above which an additional pension contribution is required). The number of doctors choosing flexible retirement is expected to rise from 18,000 today to 35,000 by 2025.
- The plan will encourage the development of telemedicine by subsidizing equipment investments (office equipment, for example) up to €28,000 per institution or coordinated care facility (multidisciplinary health facility, health clinic). Loans granted using regional development funds (fonds d'intervention régional, FIR) will be doubled next year to €18 million.

Transformation

### **Telemedicine in the 2018 Social** 🔩 cegedim **Security Financing Act**

- Accelerated reporting of new procedures for reimbursement: no more than 1 year to report procedures performed by a team as part of innovative organizations that combine multiple independent healthcare professionals (e.g. doctors and nurses), particularly in fragile areas.
- Article 35: assist innovative organizations led by professionals. This measure aims to exempt innovative organizations from the financing rules in the general law, and from certain rules governing the organization of care services. One goal is to encourage more healthcare professionals to offer their services in vulnerable areas and medical deserts.
- Article 36: cover telemedicine. Outline the terms for allowing reimbursement under the general law by the state health insurance scheme of remote doctor visits and tele-expertise.
- Nicolas Revel has said he wants collective bargaining with health sector workers to begin in December 2017.

Healthcare Software

Transformation



# **GROUP TELEMEDICINE STRATEGY**

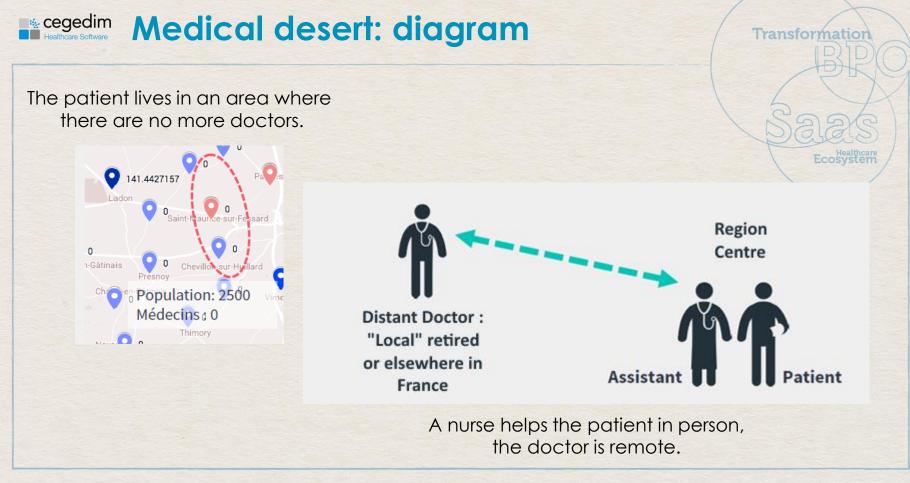


#### In 2018, we will:

- Install video conferencing for doctor visits in medical deserts as part of the Healphi project
- Increase integration of IoT health devices: in practices (practice management software) and in homes, through an official partnership with Visiomed
- Give patients direct access to video chat with their doctor via DocAvenue
- Offer video chat services in pharmacies available 24/7

Transformation

Ecosystem



### Cegedim Target and Project Description

- Deploy and manage telemedicine solutions in medical deserts
- Remote visit nurse, patient, and remote doctor:
  - The patient makes an appointment with the nurse (by phone or DocAvenue)
  - The nurse makes an appointment with an available doctor or the patient's usual doctor
  - The doctor xxx reserves a slot xxx for video consultation in his MLM diary
  - The patient goes either to an office provided by local authorities or a nursing home
  - **The nurse** assists the patient, takes measurements and performs the examination under the direction of the doctor, who is present via the video consultation session
    - Connected otoscope: image transmitted via the video channel
    - Connected stethoscope: sound transmitted
    - Other connected devices (BP, blood glucose, oximeter, etc.)
    - Notes and measurements recorded in MLM
  - The doctor writes up his consultation and prescriptions in MLM; the nurse prints the signed order and hands it to the patient
  - The doctor creates the Billing Sheet and the nurse completes the process using Cegedim's new "Carte Vitale desynchronization" technology
  - The patient pays for the visit (e-business components)
- → This program was approved by the ARS Centre-Val de Loire health authority on October 23, 2017.

Transformation



#### Solution developed for AXA Spain:

<u>Video consultation and document exchange, AXA side and</u>
 <u>patient side</u>



Transformation

Ecosystem



#### Before end-2017

- **POC #1**: connected pack for the medical practice
- POC #3: ambulatory BP diagnosis at patient's home (BP Holter) 2018
- **POC #2**: tele-home-monitoring for chronic diseases

#### Cegedim and Visiomed Group ratchet up their collaboration

Rolling out telemedicine on a large scale as a response to medical deserts and population ageing

#### Boulogne-Billancourt, July 11, 2017

Cegedim, an innovative technology and services company, announces that it is forming a strategic technology partnership with <u>Visiomed</u> Group, which specializes in next-generation medical electronics and connected health solutions. This agreement will make it possible to launch products and services that will help Cegedim 's healthcare professional clients take advantage of emerging medical lot technologies and, in addition, roll out remote consultation and monitoring systems to track patients with chronic illnesses.



Transformation



# **OUR STRENGTHS**



Cegedim is a **is a major player in important projects that are changing e-health**:

- e-carte vitale with CNAM (France's national health insurance scheme)
- PEM2D, electronic prescriptions the first doctors in three test regions have already been equipped
- TSN digital health plan and interoperability (only software publisher present in 3 of the 5 regions picked in 2015 by the Ministries of Health and Industry)

#### Cegedim has a continuous innovation mindset; examples include:

- The Healphi project for medical deserts, for which we developed a module for Carte Vitale desynchronization (a major first in this market).
- The first e-prescription sent via CNAM servers was generated using Cegedim practice management software on October 23, 2017.

Transformation

Ecosystem



### Olivier Hua CEO Group & CEO BewellConnect Corp USA

# bewell connect

A unique end-to-end health platform providing a complete medical monitoring via multiple gateways



High-end digital healthcare services

Comprehensive suite of smart health devices

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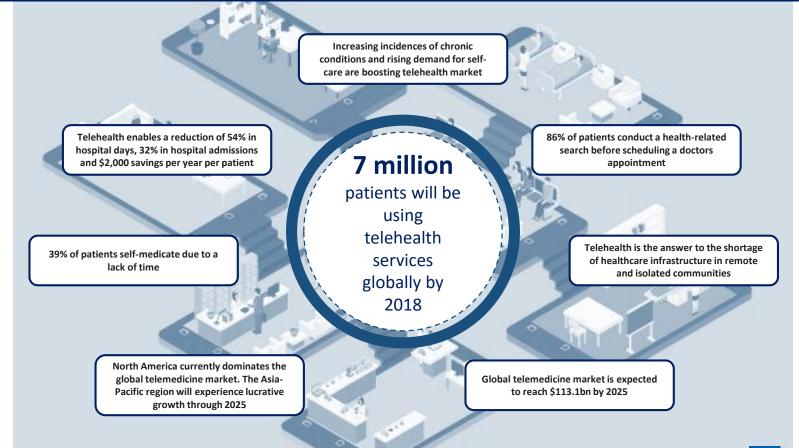
Recent awareness of the healthcare system led to a drastic change in behavior of all health stakeholders

As a technology pioneer in connected health putting patient at the center, BewellConnect is disrupting the ecosystem through innovation while addressing new market needs





### TELEHEALTH EXPERIENCES BOOMING GROWTH, FUELED BY TECHNOLOGICAL PROGRESS



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#### **REMOTE PATIENT MONITORING IMPROVES ACCESS TO HEALTHCARE**

#### A BETTER QUALITY OF CARE

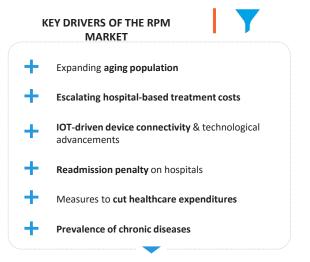


Remote Patient Monitoring (RPM) technologies enable **patient monitoring outside of conventional clinical settings** 

RPM uses digital technologies to collect health data from an individual in one location and digitally transmit that information securely to a health system in a different location

RPM devices particularly target chronic diseases such as diabetes, cardiovascular conditions and cancer

Collected data include vital signs, weight, heart rate, pulse and blood pressure





+

+

+

+

**7.1m** people are remotely monitored worldwide



RPM market grew by **44%** in 2016

Source MedDevice



RPM might save c.\$200bn across all conditions over the next 25 years, mainly by managing chronic care in the US



RPM can reduce costs for elder care in rural areas by **25%** 



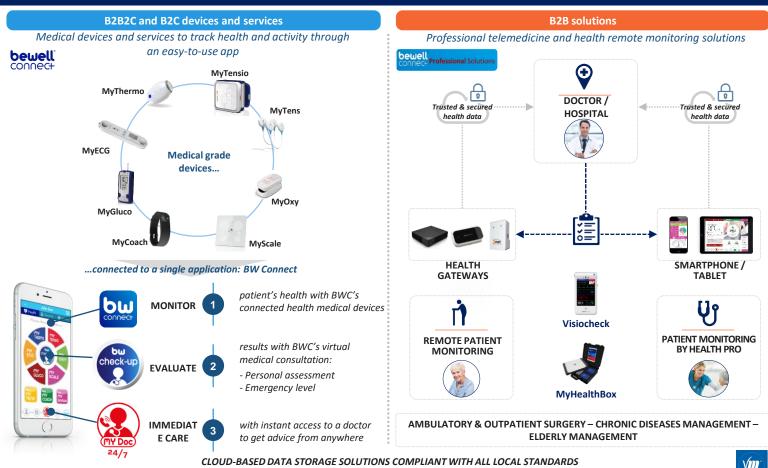
In the USA, healthcare spend amounts to **18%** of GDP



RPM devices market expected to reach **\$1.9bn** by 2025 North America accounts for **c.40%** of RPM devices market



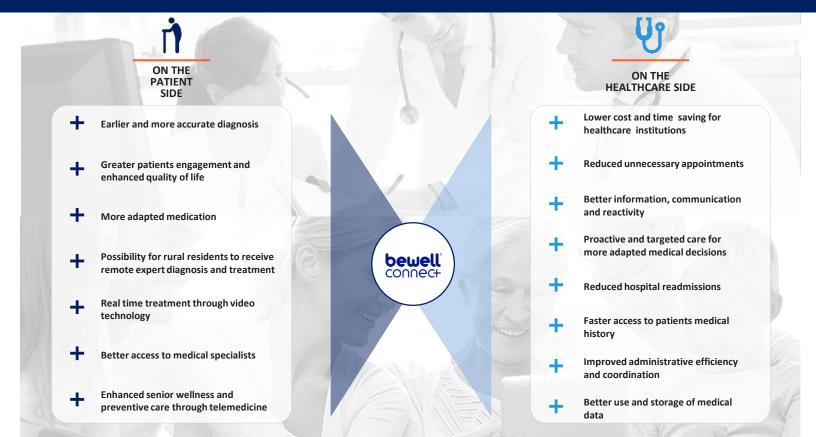
#### BEWELLCONNECT, AN ECOSYSTEM OF DEVICES AND SERVICES ENHANCING CARE COORDINATION



**DECEMBRE 11, 2017** 

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#### A UNIQUE END-TO-END MEDICAL SOLUTION BRINGING VALUE TO ALL STAKEHOLDERS



BWC is ideally positioned to bring value added products and services to patients and healthcare professionals DECEMBRE 11, 2017

#### ZOOM ON CEGEDIM BEWELLCONNECT PARTNERSHIP

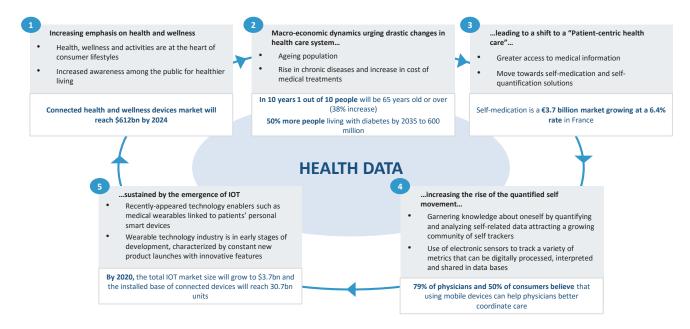
#### Jean-Claude Labrune – President and CEO of CEGEDIM – Extract of 2016 annual report

« ... the growing need to make the economics of healthcare more efficient means that we need to develop new patient monitoring and health record tools, and create tools for coordinating healthcare between health professionals. To do so, we need a strategy that integrates connected devices and telemedecine... »

	BUSINESS CASE	BEWELLCONNECT OFFER
cegedim	Providers Equipment of providers in their office for : i) Upload of their patients vitals in their EMR ii) RPM for chronic diseases patients	Connected medical devices + Technical solution (gateways) to upload information in the EMR
	Health professionals Equipment of health professionals for home visits	Visiocheck including video teleconsultation and upload of medical data in the EMR
	<b>Payers</b> Supply of a triage algorithm before opening a telehealth consultation	BewellCheckup in capitation in insurance contracts

#### DATA IS AT THE HEART OF THE SHIFT TO PATIENT-CENTRIC HEALTH

#### Adoption of health connected devices generates massive amounts of available personal data



Sources Dickson Data, PiperJaffray, ICD, McKinsey, Gartner, Business Monitor International, OECD, AFIPA, CCS, IHS

# bewell connect

Thank you for your attention !



Investor Summit Decembre 11, 2017

8<sup>th</sup>



### **WORKSHOP SESSION**

Transformation

Ecosystem

### **1- VIRTUAL PHARMACY**

## **2- MEDICAL CONNECTED DEVICES**

# Ecosystem

Transformation

### **WORKSHOP SESSION**

### **1- MEDICAL CONNECTED DEVICES**

### **2- VIRTUAL PHARMACY**

# Pulse and the RCM in the US

## Where is Pulse today

Integrated Practice Management, Electronic Health Records and Revenue Cycle Management at its Best





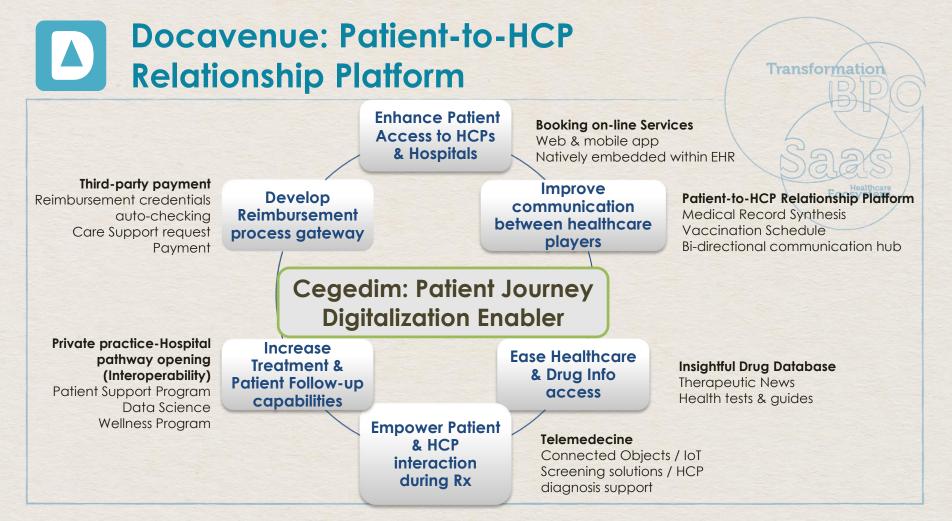


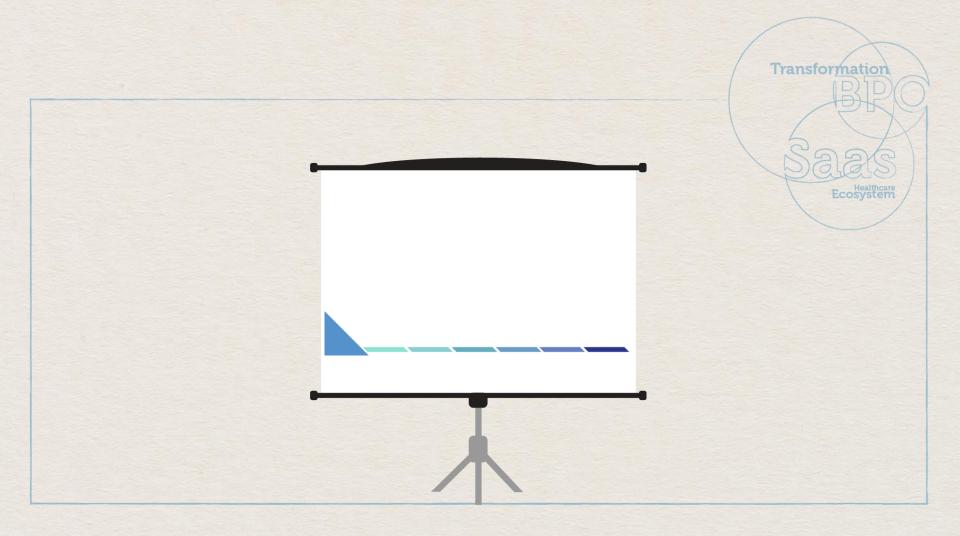
# DOCAVENUE

Arnault Billy Director of Docavenue



# Docavenue: Connecting Healthcare Professionals and Patients





# Cegedim Insurance Solutions

Philippe Simon President of Cegedim Insurance Solutions



- BPO business is growing robustly, up from 30% of BU revenues to 45% in just two years. Over the same period, iGestion's BPO business grew by 87%.
- New management platform created as part of the Klesia contract: start of full-service and shared management outsourcing for 300,000 beneficiaries.
- Services portfolio expanded, for example with overflow offerings that clients really like (from 0 to €2.3m in two years)
  - → Our view is on target: this is a dynamic market.



## **Cegedim Healthcare BPO**

Creating an integrated, full-service healthcare BPO provider that combines third-party payment and management outsourcing.

- The combination of third-party payment and management outsourcing makes Cegedim France's top healthcare BPO provider.
- Our critical size ensures financial stability and the most advanced management and control processes.
- Our **integrated delivery** method is **unique** in our market: IT system (online signup with digital signature, electronic vault, Activ Infinite back office ), EDI, digitalization infrastructure, SEPA transfers...
- ... and it all meets HDS and ISAE standards.



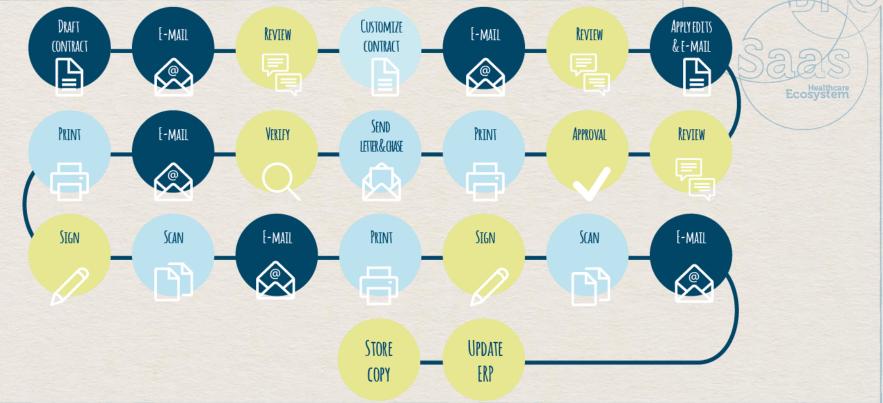
- **Regulatory compliance** is always a major issue for companies.
- It is a key concern for insurers. The Hamon Law, the Sapin 2 Law, the Solvency II Directive, the ANI Law, "responsible" policies, and the Eckert Law all place additional burdens on our insurance-industry clients.
- The requirements that the French Prudential Supervision and Resolution Authority imposes in insurers also apply to anyone to whom they outsource critical processes.
- And Cegedim has always kept pace with these changing requirements.
  - → Medical records hosting Sustainable development GDPR AML CFT



- To consolidate our leadership and raise the profile of our processes among clients, we have decided to **anticipate** the changes enacted by the second payment services directive and have applied to the French Prudential Supervision and Resolution Authority for authorization as a Payment Services Provider.
- We expect the authorization in early 2018.
- The authorization will give clients peace of mind regarding the corporate governance, process design, AML-CFT procedures, fund and payment security, and the multi-year financial plan we submit to the Prudential Supervision and Resolution Authority.

# Digitalization of company processes including payers

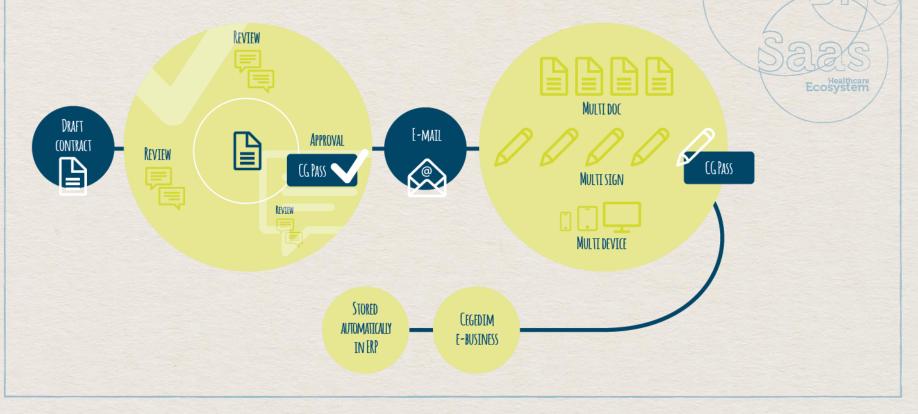
# Example of a typical sales and contractualization process





## **CG PASS SALES AND CONTRACTUALISATION PROCESS**

# Example: CG Pass sales and contractualisation process



## CG Pass: Process Digitalization & Electronic Signature

- CG Pass is fully compliant with European & US Rules & Regulations
- CGPass the e-signature solution enable to sign any kind of document with full compliance with the law and regulations

Transformation

#### Paperless handwritten signature

- The manual signature is captured by :
  - Dynamic elements (speed and acceleration) of the moving stylus.
  - Selected items based on pressure and contact time of the stylus.

#### CG Pass is a **multilingual** solution

#### Total Group Contract

**SYGo Programme:** Cegedim is assisting the TOTAL group in its digital transformation CG Pay and CG Pass solutions and services enable processes digitization by integrating e-signature into the workflow



Olivier Rouas Development Manager of Cegedim SRH



## 100% owned subsidiary of Cegedim Group





More than 200 clients



480 employees



**#2** in HR outsourcing in France

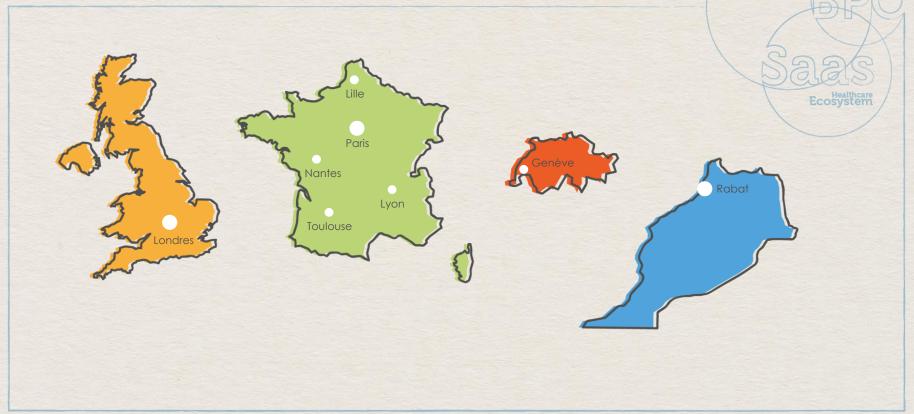


International presence: France, UK, Switzerland, Romania and Morocco

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ISAE 3402 certified









- Opened in 1997
- The town's largest private employer
- 275 employees (administrative managers)
- 100 payroll experts

## **Technical services center in Nantes:**

- Opened in 2008
- 140 employees
- 70 payroll experts
- 30 systems experts



SRH Two offshore centers

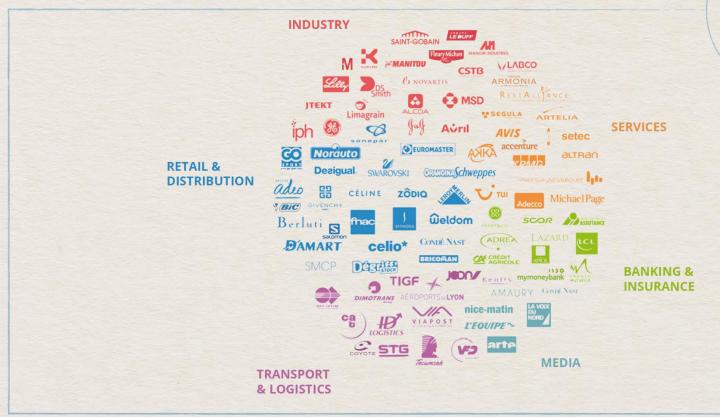
Technical services center in Rabat, Morocco:

- Opened in 2008
- 240 Cegedim employees in Morocco
- 100 business experts
- New site opened in 2015 (500 positions)

## **Business services center in Bucharest, Romania:**

- Opened in 2010
  - 150 Cegedim employees
- New site opened in June 2017
- 80 payroll experts (target for December 2017)

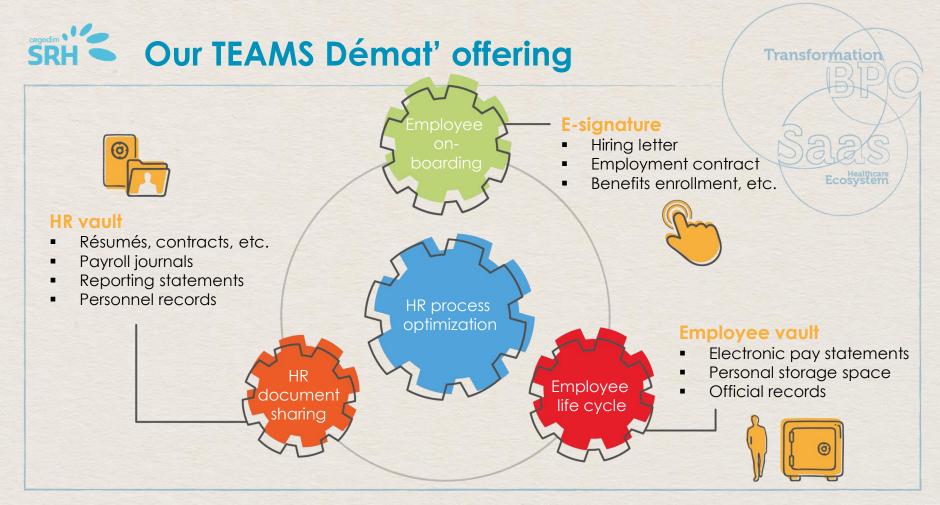








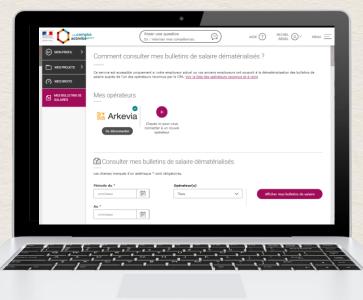
## **Digital Offering**





#### The time is right

As of January 1, 2017, French law lets companies start using electronic pay statements unless an employee explicitly requests a paper statement



Arkevia is a recognized provider and linked to the Personal Activity Account (Compte Personnel d'Activité, CPA) website as of July 11, 2017

www.moncompteactivite.gouv.fr

Transformation

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#### An amazing opportunity

- Richer, faster HR processes
- Multiple potential applications in HR: employment contracts, contract amendments, official documents, performance objectives, time sheets, etc.
- End-to-end digitalization, with automatic archiving of signed documents using our electronic vault solutions.







Transformation

Ecosystem

#### e-signature in action: sr and states onboarding at Cegedim

#### Transformation

#### a cegedim

31/08/2017



#### Bonjour Madame GABET,

Votre contrat de travail est en attente de votre signature.

Veuillez trouver ci-dessous le lien pour en prendre connaissance et le signer électroniquement avant le 22/02/2018.

#### Lien de signature

Pour des raisons de sécurité, votre mot de passe vous sera communiqué par SMS.

Nous vous prions d'agréer, Madame, l'expression de nos salutations distinguées.

#### Le service RH

Si vous rencontrez des difficultés ou avez besoin d'une aide complémentaire, vous pouvez nous contacter à l'adresse suivante : e-signature@cegedim.com

bronnende sen ter	bienrende sur la placeforme de signatare etecterenique	
	Date limite de signature: 22/02/2018.	
	Téléchargez et lisez vos documents avant de signer.	
. Documents en attente de votre signature.	2. Pièces jointes.	
- CONTRAT_TRAVAIL - LETTRE_ACCUEIL - INFOS_MUTUELLE - BULLETIN_MUTUELLE - INFOS_PREVOYANCE	En fin de processus, vous serez invité(e) à télécharger les documents suivants pour compléter votre dossier administratif Si vous avre déjà remis ces documents cette étape est facultative	
· INFOS_PREVOIDINGE · INFOS_PORTAIL · CHARTE_SECURITE	JUSTIF_TRANSP - Optionnel     IDE - Optionnel	

ATT SS - Optionnel RIB - Optionnel DIPLOME - Optionne

Bienvenue sur la plateforme de signature électronique du Groupe Cegedim



REGLEMENT INTERIEUR

RESTAURANT







## FINANCIAL COMMUNICATION

## CEGELEASE DISPOSAL UPDATE

#### Cegelease

- Operates principally in the financial domain,
- Is highly valued,

- **Requires additional resources** to continue pursuing and accelerating its development for the benefit of its clients and employees

In 2016 it contributed

- €11.6m to Group consolidated revenue
- €5.4m to Group consolidated EBITDA

The Group plans to sign a deal in the second half of 2017 and close in the Q1 2018

A **successful sale** would give the Group a portfolio of businesses that **fit well** together and **generate strong synergies** 

Cegedim is not planning any further divestments The Group in no way guarantees that a deal will be carried out



## Fy 2017 Outlook Maintained



#### REVENUE L-F-L GROWTH FY 2017

EBITDA FY 2017

cegedim

€66M TO €72M

The above outlook does not reflect the potential divestments of Cegelease and Eurofarmat The Group does not anticipate a significant acquisition in 2017

These projections are publicly disclosed on December 11, 2017. The fact that Cegedim includes these projections in this presentation should not be taken to mean that these projections continue to be our projections as of any subsequent date. Please refer to point 3.7 "Outlook" in our 2016 Registration Document.

## ANALYSTS / INVESTORS:

#### EVENTS

- ANNUAL RESULTS CONFERENCE
- HY RESULTS CONFERENCE
- WEBCAST AFTER EACH FINANCIAL RELEASE

## MEETINGS

- BROKER CONFERENCE
- ONE TO ONE

## ANNUAL REVIEW

- REGISTRATION DOCUMENT
- INTERIM FINANCIAL REPORT

## SHAREHOLDERS GUIDE

- CORPORATE OVERVIEW



## FOLLOW US ON:







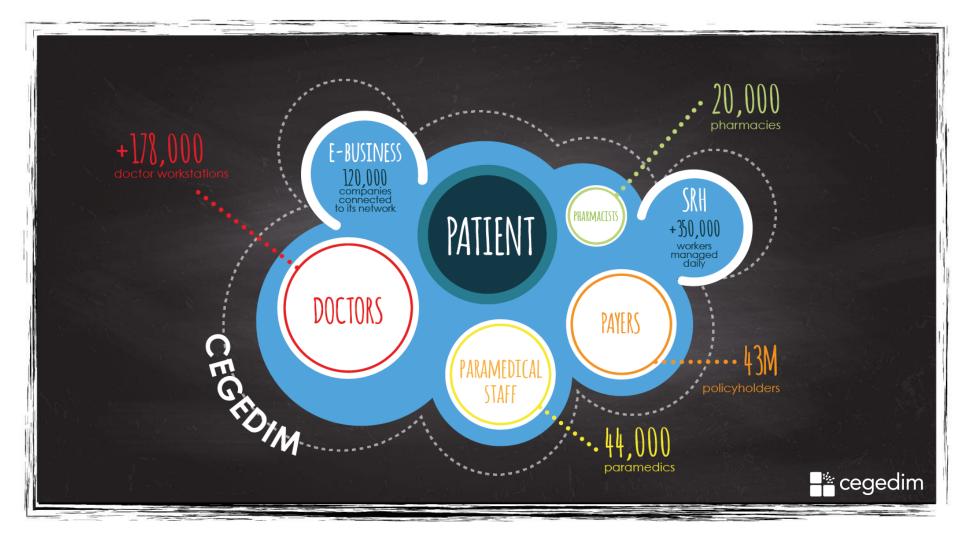




WEBCAST

## f in V D Social Network







# egedim

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