



#### Bienvenue!



Thibaud Lenik
Business Development Manager

Bechtle Suisse SA



Dries Schelfaut Principal Sales Engineer

Imprivata



Étienne Marchand Responsable IT

Clinique de La Source



#### Bechtle Suisse SA – en Romandie

>250

**EMPLOYES** 

+65 EXPERTS

**+** SUISSE ROMANDE

4

BUSINESS UNITS

PROFESSIONAL SERVICES
MANAGED SERVICES
DATA & ANALYTICS
SKILLS MANAGEMENT

>300 CLIENTS en Suisse Romande

>20

**PARTENAIRES** 

Top-level certifications

■ CITRIX

■ NINTEX

■ CISCO

**■** POWELL

**■** DELL

■ TRENDMICRO

■ FORTINET

■ VEEAM

■ HPE

■ VMWARE

■ MICROSOFT

CONSEILS PERSONNALISES

20

ANNEES D' EXPERIENCE

ORGANISATION
CENTRALE
AVEC SPOC

PME, ENTERPRISE ET PUBLIC

> PLAN BUILD RUN

NOS PROPRES
DATA CENTERS

En SUISSE

+500 PROJETS / AN



# Imprivata

the transfer to

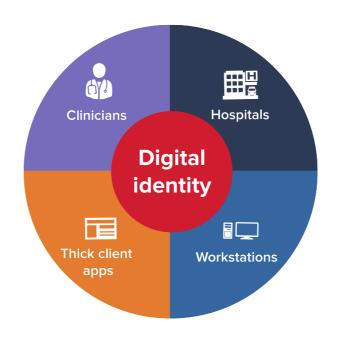


Enabling Healthcare. Securely.

Dries Schelfaut - Principal Sales Engineer, EMEA



# Increasing complexity is driving the need for digital identity



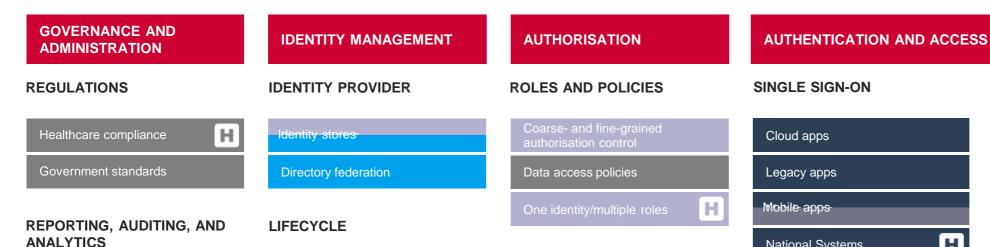


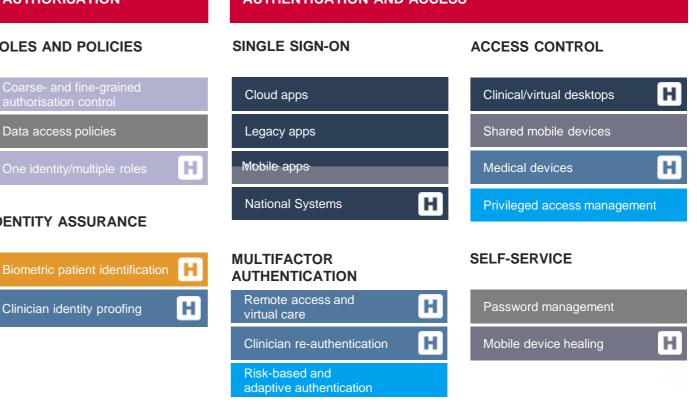
# Imprivata digital identity framework for healthcare

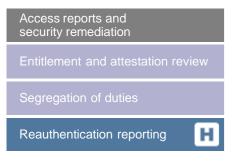
**IDENTITY ASSURANCE** 

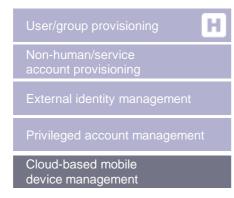
Clinician identity proofing

Healthcare











Imprivata

products

Imprivata

Governance

Identity



**Imprivata** Mobile

**Imprivata** Confirm ID

**Imprivata** PatientSecure





## Imprivata product portfolio



#### Imprivata OneSign

# Healthcare's trusted single sign-on and virtual desktop access platform

- Usernames and passwords replaced with a single badge tap or fingerprint scan
- Integrated clinical workflow automation for every major EHR and virtual desktop infrastructure
- Unattended systems secured with fast-user switching and fade-to-lock capabilities



### Imprivata Confirm

#### Enterprise multifactor authentication purposebuilt for healthcare

- Most comprehensive EPCS solution
- Invisible security via innovative and convenient authentication methods
- Improved security via strong authentication for remote network access, cloud applications, medical devices, and other workflows



Imprivata Identity Governance

# Healthcare's leading identity governance and compliance management solution

- Automated identity management processes
- Strengthened enforcement of security policies and compliance management
- Role-based provisioning providing clinicians appropriate system access on day one



#### Imprivata PatientSecure

## Leading positive patient identification solution

- Improved patient safety with 1:1 biometric link between patients and their medical records
- Increased revenue capture through fewer denied claims
- Prevent duplicate medical records and overlays to improve data integrity



#### Imprivata Cortext

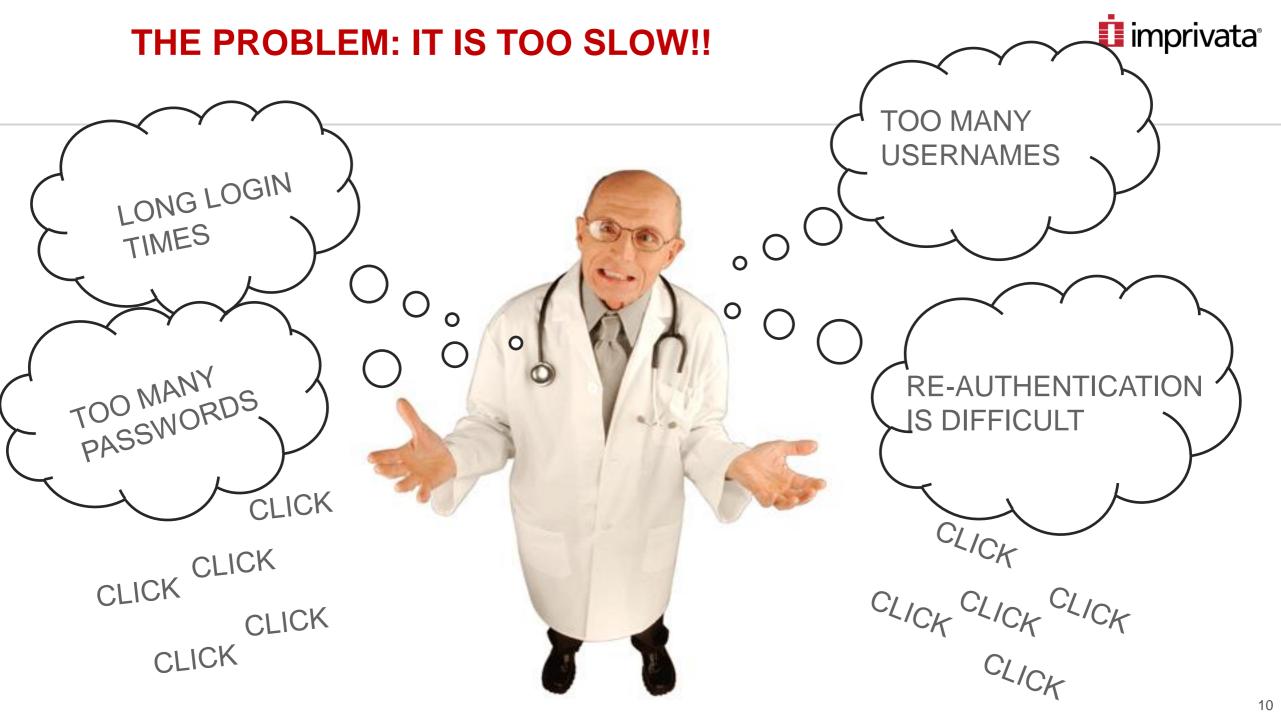
# Secure communications tailored for clinical environments

- Comprehensive pager replacement for robust care team communication
- HIPAA-compliant messaging for secure communication of PHI
- Improved clinical productivity with streamlined, contextrich communications



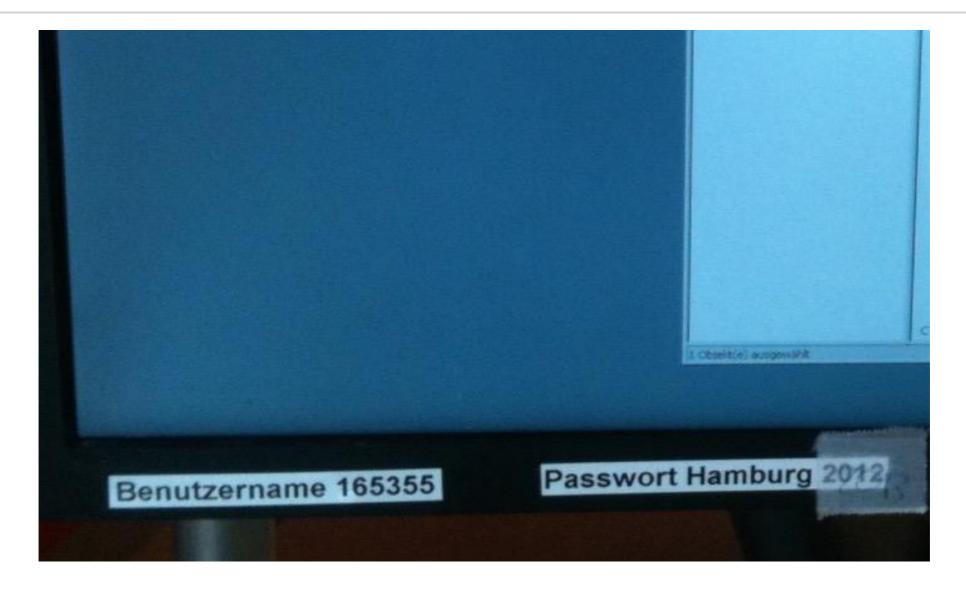
## Imprivata OneSign

Fast, Secure, No Click Access to Patient Information



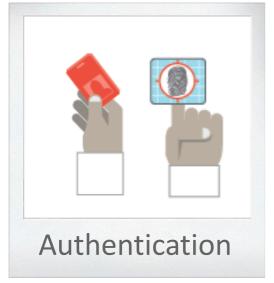


# ... This is not what you want.....





### What do we offer?









Proximity card Fingerprint Smartcards Tokens SMS

Automatic login into applications for authorised users



Optimalisation of "workflows" following the needs of the users



# Strong authentication

#### Wide variety of supported strong authentication

- Fingerprint Authentication (Username/password & fingerprint as second factor)
- Fingerprint Identification (Fingerprint as password)
- Smart cards
- Proximity cards
- OTP tokens







# Single Sign-on

#### Support for all types of applications:

- Client / Server windows apps
- Browser based apps
- Web (Saas) apps
- Java apps
- Hosted apps (Citrix XenApp, remote desktop services)
- Terminal emulators
- Software virtualisation (AppV, ThinApp)

















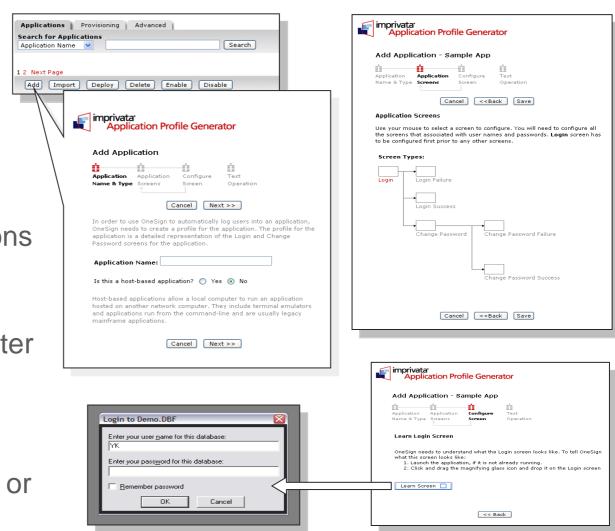






## Creating SSO Profiles With our APG

- Web Based
- Application Profile Generator (APG)
- Easy to Use Wizard
- Drag and Drop
- Same Approach Used for All Applications
- Web, Client Server, TE, Java
- Add/Remove Additional Screens to Cater for Workflows
- Central Administration
- Deploy SSO Profiles to Users, Groups or OU's in AD





#### OneSign Application Profile Generator (APG) for SSO Enablement



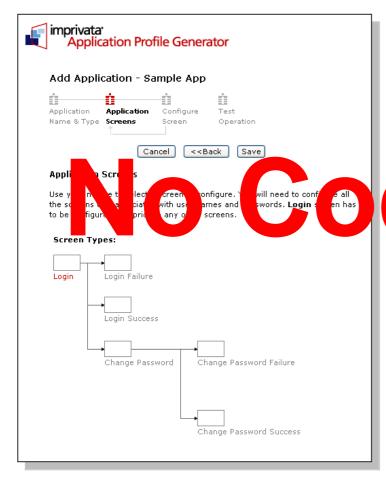
#### **Add New Profile**



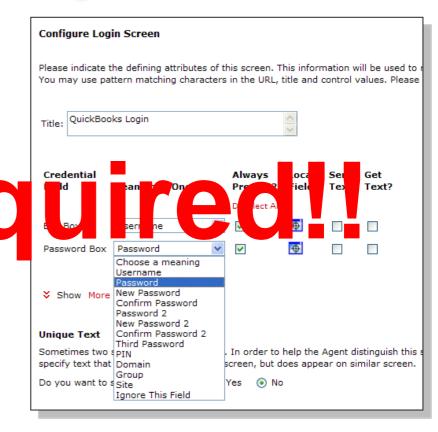
### **Drag and Drop on App**



### **Assign Meanings**

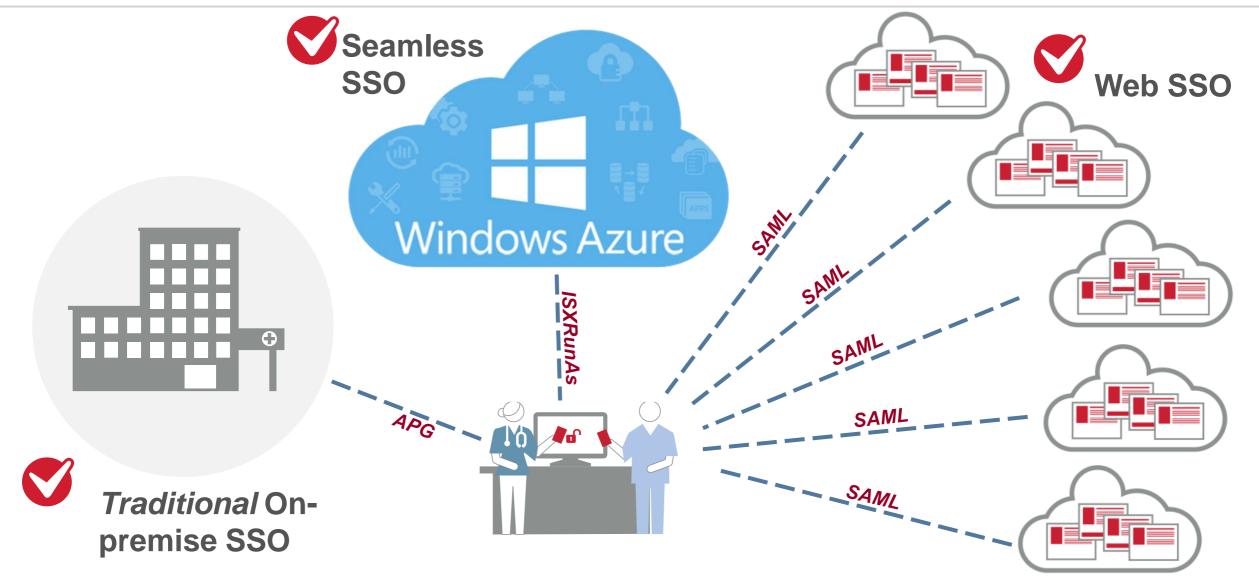






# Adding Seamless SSO into Azure Apps and SAML authentication







## Workflows

# The way the solution behaves depending on the location of the computer and/or the type of user that is authenticating:

- Automatically launching applications
- Automatically locking of a computer based on 'idle-time' to hide patient information
- Lock the desktop without hiding the information (transparent screen lock)
- Different authentication-methods and/or procedures for desktops in public spaces and computers in internal offices
- Keep applications and patient-context alive while switching users
- Some users use the local desktop, other users are redirected to their virtual session

•



## VDA – Virtual Desktop Automation

- Automatic connection to virtual sessions
  - Citrix XenDesktop, XenApp
  - Vmware Horizon View & Hosted applications
  - Microsoft RemoteDesktop, RemoteApps & RemotePC
- Connect from Fat Clients, Thin Clients, ThinOS en Zero Clients
- API-based integration, no scripting
- Central management of the VDI workflows







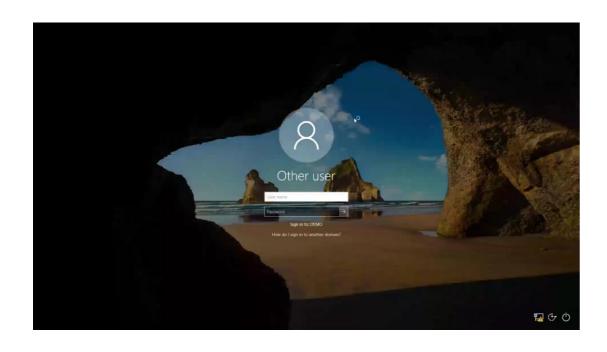








## Microsoft





Without Imprivata

0:00

**+34s** 

With Imprivata

0:00



# Self-Service Password & Pin Management

Dramatically Reduce IT Helpdesk Calls & Increase End User Access Password Reset

#### WHY IT MATTERS

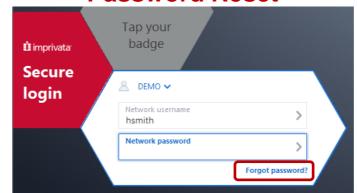
Forgotten passwords are a common problem and can account for 90% of helpdesk calls related to password resets. Removing password resets from your IT staff's todo list cuts costs and frees up time and resources to focus on critical (and more strategically valuable) projects.

#### HOW WE HELP

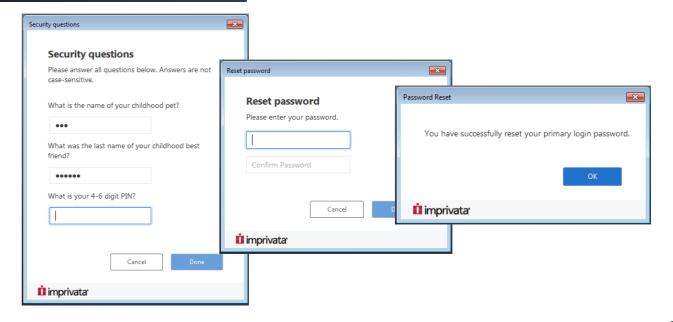
Self-Service Password Management (SSPR) offers end users a fast, easy and secure way to reset forgotten passwords – without calling the help desk. It saves valuable time for both end users and IT staff.

#### HOW WE DO IT

SSPR is provided either through the OneSign Credential Provider presented at login to the Workstation or via a web portal for users when working remotely. It allows users to reset their primary domain password, unlock their account or reset their OneSign PIN by answering their self enrolled security questions.

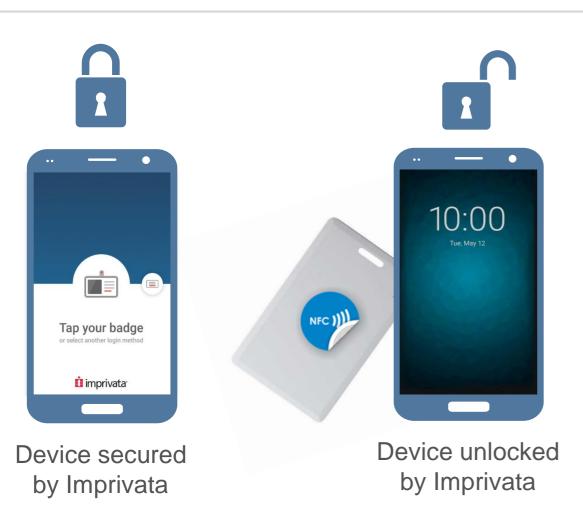








## Imprivata Mobile Device Access







User launches application





User gains fast access to mobile apps and workflows

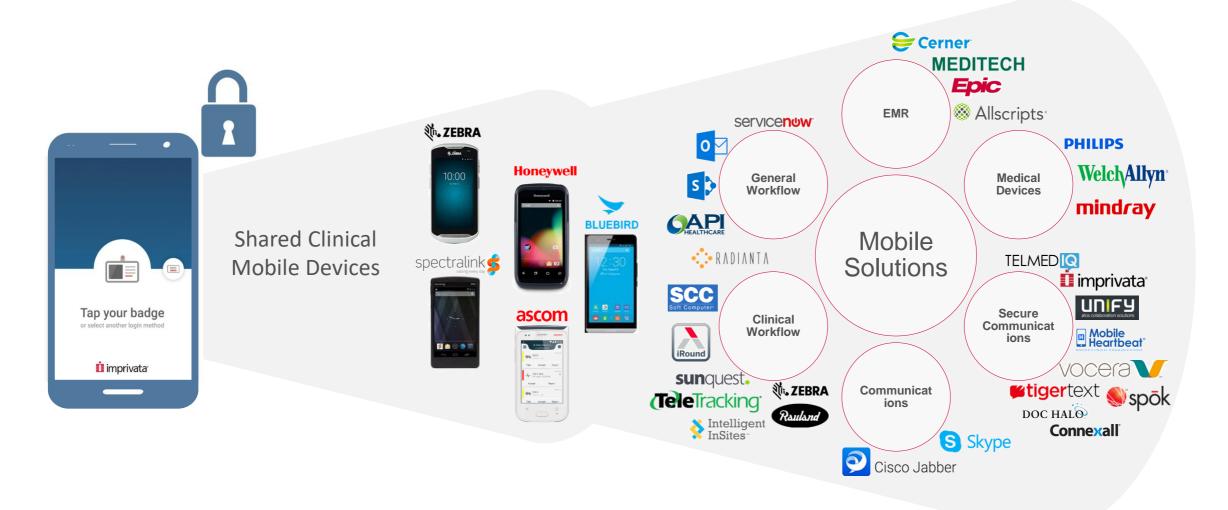
"Tap and go" and SSO for shared Android devices



# Imprivata Mobile Device Access

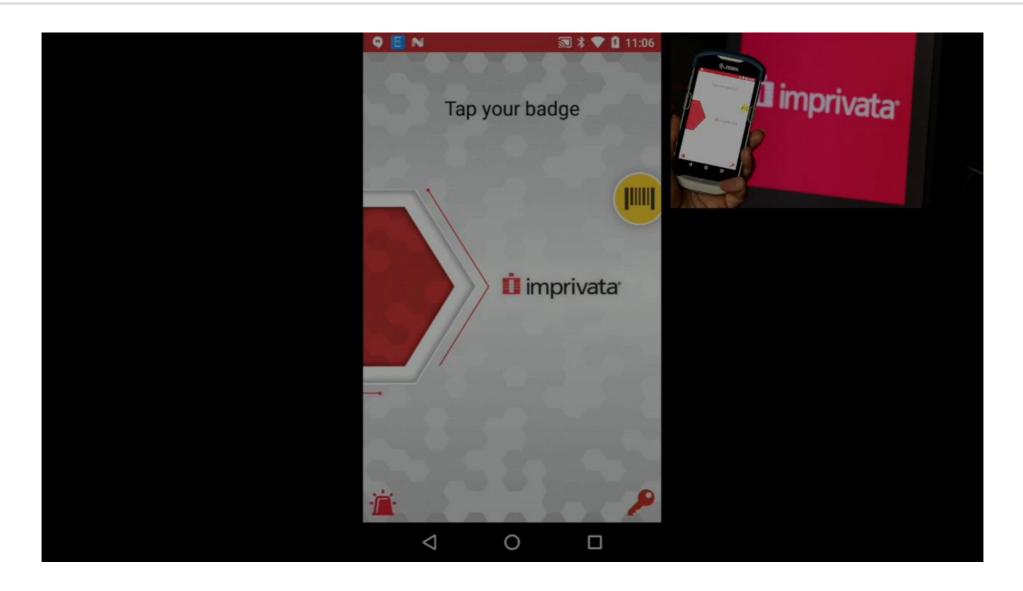
Run on shared devices

#### Authenticate critical applications





# Imprivata Mobile Device Access





## Imprivata ConfirmID

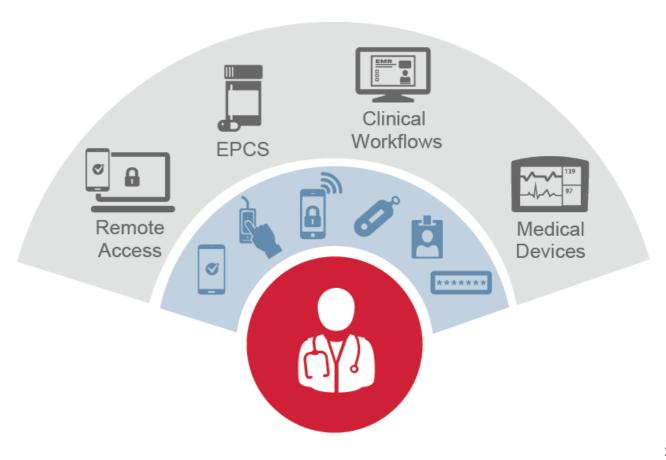
The authentication platform for the healthcare enterprise



## The authentication platform for the healthcare enterprise

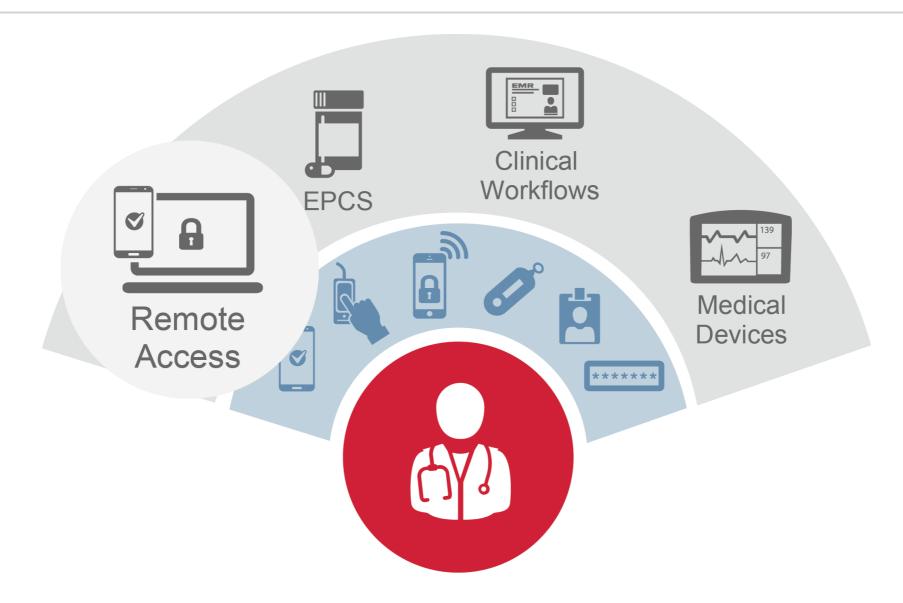
Imprivata Confirm ID is the comprehensive identity and multifactor authentication platform for remote access and clinical authentication workflows

- Centralise authentication with a single, enterprise-wide platform
- Make security invisible with fast, convenient authentication
- Improve security and compliance by creating a secure, auditable chain of trust for all workflows





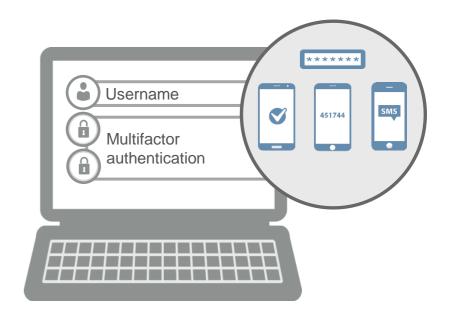
# Imprivata Confirm ID for remote access





## Imprivata Confirm ID for Remote Access

- Improve security by combatting phishing and other targeted attacks
- Enable multifactor authentication for all enterprise users
  - Clinical staff
  - Administrative employees
  - Affiliates
  - Contractors
- Ensure efficiency through fast, convenient push token notification





# DEA-compliant push token notification

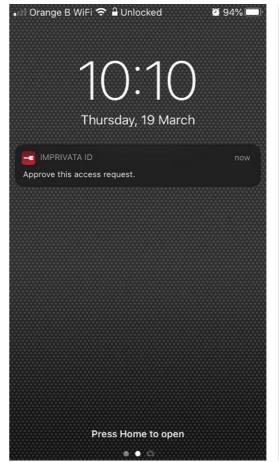
Enable authentication from a mobile device with the simple

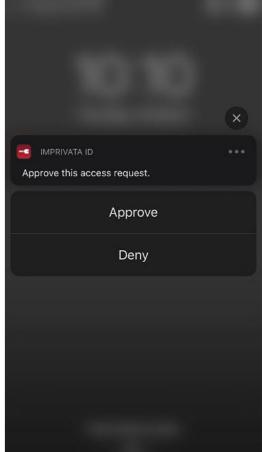
press of a button

Leverages Imprivata's proprietary cloud-based token service

- Deliver fast, convenient user authentication
- Eliminate the need to carry hardware tokens and/or manually enter passcodes
- Simplify authentication by delivering a fast, consistent user experience across

Imprivata Confirm ID also supports SMS and conventional soft tokens







# Integration with leading VPNs and access gateways

Imprivata Confirm ID for Remote Access integrates with VPNs and remote access gateways from leading providers, including:





- Cisco
- F5
- Microsoft ADFS
- Citrix Netscaler
- VMware

Imprivata Confirm ID for Remote Access also supports any additional gateways able to connect via RADIUS for authentication

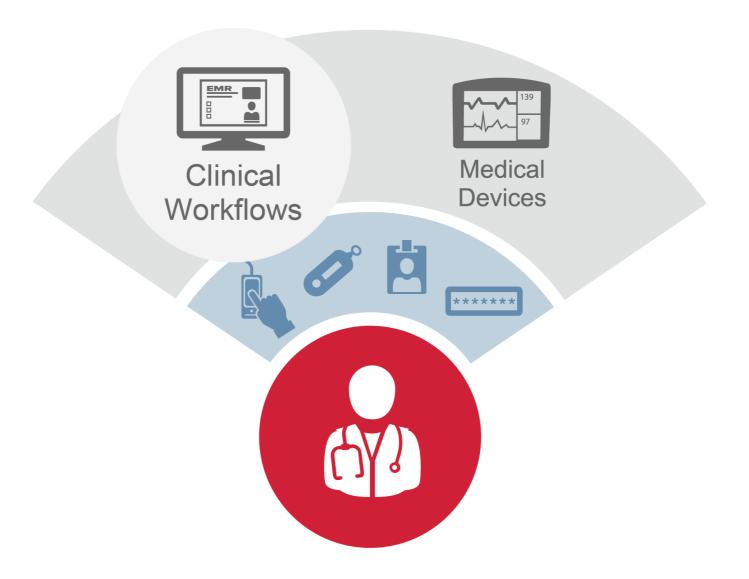








# Imprivata Confirm ID for Clinical Workflows





## Imprivata Confirm ID for Clinical Workflows

- Enhance security by enabling user authentication across a broad range of clinical workflows, including:
  - Witness signing
  - Medication administration
  - E-prescribing
  - Pharmacy dispensing
  - Patient flow
- Increase efficiency by replacing passwords with fast, convenient authentication
- Increase visibility into user interactions with patient health information to improve regulatory compliance





## Benefits for providers: fast, convenient authentication

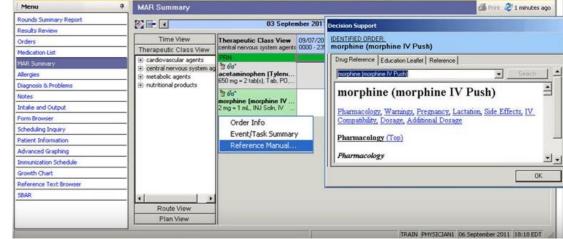
- Seamless EMR integration
  - Signing UI embedded into EHR/application workflow
  - Clinicians only presented with authentication methods available and allowed
- Flexibility in enabling different authentication combinations for different workflows



# Medication administration record (MAR)



- Administering medication—particularly controlled drugs—often requires the clinician to authenticate to complete the transaction (as well as a witness in some cases)
- Today, these authentications are typically username/password
  - Disrupts workflow
  - Frustrates clinicians
  - Impacts patient care
- Imprivata Confirm ID enables fast, automated authentication to improve security without impacting efficiency





### Additional clinical workflows



- Imprivata Confirm ID for Clinical Workflows supports more than 40 signing contexts (workflows) within Epic, including:
  - Closing patient encounters
  - e-Prescribing
  - Witness singing
  - Break-the-Glass
  - Anesthesia attestation
- These authentications typically require re-entry of a user's Epic password, which is inconvenient and impacts efficiency
- Imprivata Confirm ID enables fast, automated authentication to improve efficiency while maintaining auditability of interactions with patient information

- 2-Exam Room 3-Charting 4-Med Orders - Ambulatory and Inpatient 5-Addendum 6-Immunization 7-History 8-Procedure Orders - Ambulatory and Inpatient 9-Change Assoc DX 10-SmartSets 11-Meds except for reorders 12-Orders through Addendum 13-Mark letter as Sent 14-Cosign Orders 15-Sign Verbal Orders 16-Documentation Flowsheet 17-Discharge Writer 18-Notes
- 19-Discontinue/Cancel Order 20-Change Order Status from Report 21-Med Orders - Ambulatory 22-Procedure Orders - Ambulatory 23-Med Orders - Inpatient 24-Procedure Orders - Inpatient 25-RxRefill Request - In Basket Message (RAR) 26-Medication Administration 27-Pharmacv Enter Verification 28-Pharmacy Per Order Verification 29-E-Prescribing Pharmacy - Ambulatory 30-Medication Order Edit 31-Change Challenge Answers 32-Med Orders - Controlled 33-Pharmacy Controlled Med Verification 34-Pharmacy Dispense Checking 35-Pharmacy Compounding and Repackaging 36-Anesthesia User Verification 37-Medication Review Verification 38-Pharmacy Dispense Preparation 39-Imaging Study 40-Pre-Login Status Board Case Tracking 41-E-Prescribing Controlled Medications - First Context 42-E-Prescribing Controlled Medications - Second Context 43-Break-the-Glass 44-Home Care Add New Medication 45-Home Care Edit Medication Sig

46-Home Care Discontinue Medication



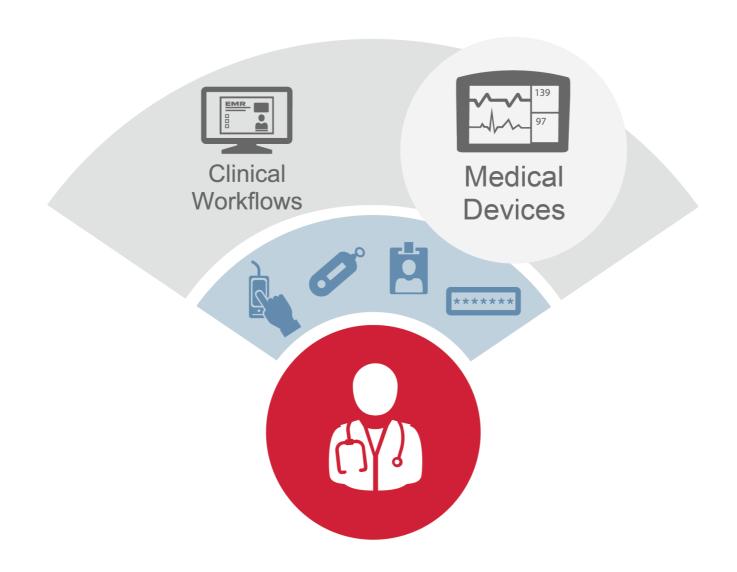
# **Custom scripting**

- Imprivata Confirm ID for Clinical Workflows can also be delivered as a custom scripted solution
  - Available for non-integrated EMRs/other applications
  - Imprivata Confirm ID API can be used to script any workflow that can be scripted with ProveID API
  - Customers required to have Imprivata Confirm ID Clinical Workflows licenses, services for scripting, and training
  - Eliminates the "Confirm ID for interactive authentication" SKU
- Note: if we script a workflow and subsequently integrate with that application, customers will need another services engagement to migrate to the integrated version





# Imprivata Medical Device Access





## The challenge of user authentication for medical devices

- Enforcing authentication for medical devices improves security, but...
  - Usernames/passwords are inefficient
  - Providers authenticate to devices
     20-25 times/shift
- Alternative is to not require authentication for medical devices...
  - Introduces security risks and auditing challenges

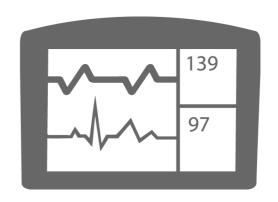




## Imprivata Medical Device Access

Imprivata Medical Device Access enables secure and convenient user authentication for medical devices

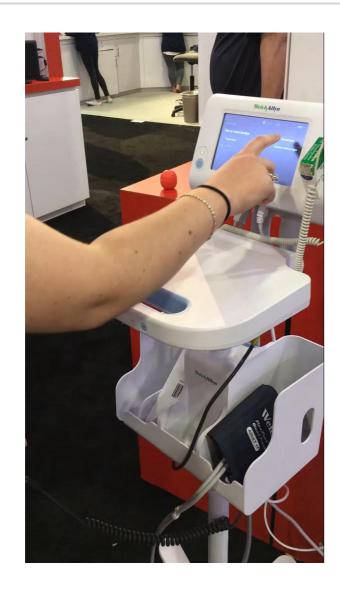
- Improve security of patient health information
- Increase visibility into user interactions with patient information on medical devices
- Ensure efficiency by replacing usernames and passwords with fast, automated authentication







# Imprivata enabled Medical devices







# Available today: Patient Monitoring



**Alphatron** 

intelligent

careStatio

Capsule

**SmartLinx Neuron** 

2 & Vitals Plus

n (AMiS)

Mobile







Philips IntelliVue MP5SC & XG50 **Patient Monitors** 

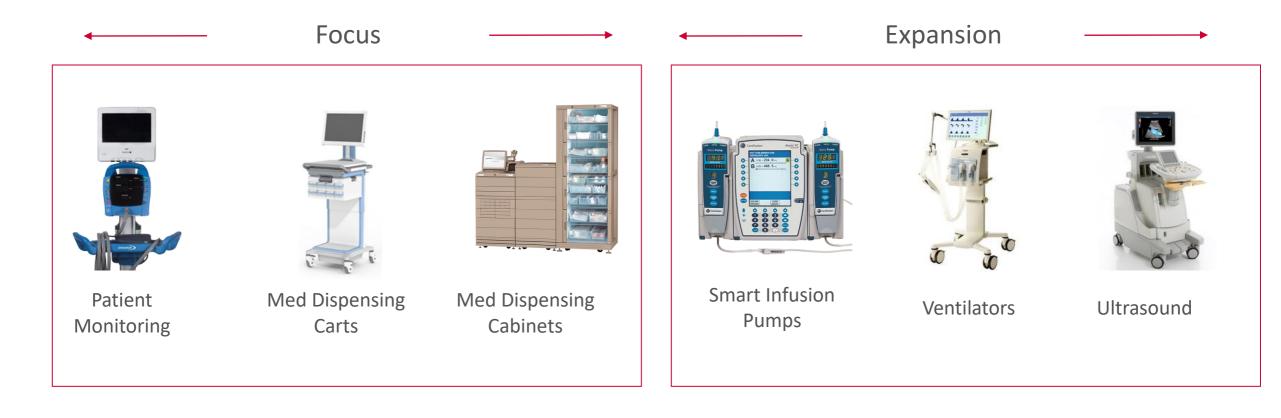




Welch Allyn CSM & CVSM Patient Monitor



# Imprivata Medical Device Authentication Strategy





## Imprivata product portfolio



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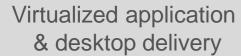
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- Comprehensive pager replacement for robust care team communication
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- Improved clinical productivity with streamlined, contextrich communications

## Proven leadership driving interoperability in Healthcare IT

Clinical access and patient identification



Clinical mobility & communication

Medical devices































































**ZEBRA** 











CISTEC







































## Imprivata Product Movies

- Imprivata Experience:
  - https://www.imprivata.com/resources/video/introduction-imprivata-onesign
  - https://www.imprivata.co.uk/uk/resources/video/day-life-care-provider
  - https://www.imprivata.com/resources/video/provider-experience-imprivata
- Imprivata OneSign:
  - https://www.imprivata.com/resources/video/introduction-imprivata-onesign
- Imprivata Mobile :
  - Device Access on shared Android Devices
    - https://www.imprivata.com/resources/videos/imprivata-mobile-demo-android-device-user-access
  - Groundcontrol Checkout for shared iOS Devices:
    - https://youtu.be./igpRX0T2fbE
- Imprivata ConfirmID Authentication Platform
  - https://www.imprivata.com/resources/video/imprivata-confirm-id-authentication-platform
- Imprivata ConfirmID for Clinical Workflows
  - https://www.imprivata.com/resources/video/imprivata-confirm-id-clinical-workflows
- Imprivata ConfirmID for Medical Devices
  - https://www.imprivata.com/resources/video/imprivata-confirm-id-integration-capsule-neuron-2-medical-device
- Imprivata ConfirmID for Remote Access
  - https://www.imprivata.com/resources/video/imprivata-confirm-id-remote-access
- Imprivata PatientSecure:
  - https://www.imprivata.com/resources/video/imprivata-patientsecure-educational-video
  - https://www.imprivata.com/resources/video/baycare-health-system-improves-patient-experience-imprivata-patientsecure
- Imprivata Identity Governance:
  - https://www.imprivata.com/imprivata-identity-governance

# Référence – Clinique de La Source



### Bechtle : le partenaire informatique d'avenir

de la santé à de nouveaux défis. Les hôpitaux et les cliniques doiv croissante. Dans ce contexte, le chemin vers l'hôpital numérique est en matière de qualité et de rentabilité. Afin de répondre à ces exige et des solutions qui participent à l'amélioration des processus de de prestations créée en interne par les équipes de Bechtle vient des produits spécialisés. Partenaire solide pour mettre en place d'ecommerce IT leader sur le marché européen, Bechtle propose un sociétés de services et d'ingénierie informatiques à la vente directe environ 70 sociétés de services en Allemagne, en Autriche et en Su pays européens lui permettant de proposer son offre e-commerce l'entreprise, dont le siège social est à Neckarsulm, emploie plus de de 73'000 clients issus des secteurs de l'industrie, du commerce, des complète de produits et de services informatiques (tous construct depuis 2000 et fait partie de l'indice technologique TecDAX depuis le chiffre record de 4,3 milliards d'euros. Pour plus d'informations

#### etien avec Walter Sebenello, Key Account Manager



La société Rechtle Suisse SA

Walter Sebenello: Bechtle est un groupe son exploit constitué de plusieurs sociétés autonomes sur le plan managérial. Elle est spécialisée dans l'environnement informatique et la W. S.: Bec mise en place de solutions d'infrastructures auprès de nos clients. Nos réponses leur permettent de mieux collaborer en recourant à l'autonon

à des outils technologiques optimaux. L'entreprise Bechtle est présente en Europe avec plus de 11'000 collaborateurs, dont plus de 1'000 globale con personnes pour le seul marché suisse. La majorité de nos effectifs sont des profils d'ingénieurs, de consultants, de techniciens et de chefs Cette appro de projets, des professionnels présents sur le terrain. Directement impliquées dans la mise en place de nos solutions sur site, nos équipes interviennent auprès de nos clients tout au long de leur projet, que ce soit durant les analyses initiales, la définition et l'intégration

clientèle et

sont formée

au marché

Comment les établissements avec lesquels vous abordent-lis l'IT?

W. S.: Le management IT a pour mission de faire for cutils informatiques dont dispose l'établissement en resources qui, souvent, ne sont plus adaptées. Les équ plus suffisamment formées aux nouvelles technologies le temps d'assister à des présentations de produits o des évaluations. De plus, le monde informatique est c multiplicité de produits et de technologies. Dans cet er les départements informatiques peuvent avoir de grande définir les solutions les plus adaptées à leurs besoins, actu Bechtle isue alors un rôle stratégique car il s'impose co

au secteur de la santé? W. S.: Nous sommes en permanence à l'écoute de nos force du groupe Bechtle est da pouvoir répendre à l'ense

demandes. Notre stratégie implique une proximité avec nos explique l'existence de 70 succursales et l'organisation très du groupe. Nous nous appuyons sur un réseau de con

Quels sont les secteurs d'activités auprès desquels vos équipes d'éditeurs que nous sélectionnons selon des critères de qualité trè

proposent leurs services en matière d'infrastructur W. S.: Nos clients intervionnent dans tous les secteurs. No nos services aux professionnels médicaux, aux structures acteurs industriels, aux entreprises de la biopharmacie, aux b assurances, entre autres. Sur le plan organisationnel. Becht d'équipes de vente spécialisées dans l'ensemble de ces do

Suite aux différentes réformes liées aux systèm

et de saiste électronique des données, quels sent le défis auxquels le secteur de la santé se retrouve co W. S.: Les systèmes de facturation et la saisse éloc domées font partie des sujets abordés par les établissemi Glabalament, ces demiers devent dispaser d'outils performai

est hébergé par le système hyperconvergencé Nutanix. Quelles sont les solutions et prestations mises en place par

bureau virtuel Citrix avant de la décommissionner et de modifier toute notre architecture réseau. Bechtle nous a également fourni la solution tifs ainsi que les patchs de sécurité sur les bureaux virtuels et les ser-

de ce type d'authentification?

E. M.: Cotte selution permet une authentification rapide et simplifiée

l'outil SCCM nous ent été d'une aide précieuse. Bechtie est assurément

das utilisateurs. Dès la promière authentification complète par badga, un partenaire sur lequel nous posvers compter dans les domaines de logie et mot de passe, la session est valide pour une période dennée et stockage de dennées et de la gestion de serveurs, entre autres.

#### Témoianage



« Imprivata nous permet une grande flexibilité et la constitution de profils utilisateurs différents. Nous adaptons ainsi notre réponse informatique aux besoins de chaque collaborateur, tout en préservant l'homogénéité de notre réseau, essentielle pour garantir sa sécurisation.»

#### Entretien avec Etienne Marchand, chef du service informatique, Clinique de La Sour

Command défidirée veux le système d'information de la Cit-nique de La Source service de la Citation de la Cita 500 médecins accrédités indépendants. Elle appartient à la Fondation Institut et Haute Frole de la Santé La Source (HFS.SO). Dans re contexte, son organisation necessité un reseau mromatique performant — cette solution d'aumentification permet une menieure nomogeneisatio et efficient. Nous possédons deux centres de données synchronisés ainsi — de la sécurité du réseau, un meilleur verrouillage des sessions et d qu'un treisième datacenter externalisé servant de selution de secours meillours usages pour l'ensemble des utilisateurs du SI.

seveurs virtualisés et gère près de 400 PC disposant des systèmes
d'oxploitation Windows 8 et Windows 10. L'ensemble de l'infrastructure
E. M.: Nous monons actuallement deux projets paraibiles, le déploiemen d'Imprivata et le renouvellement des postes informatiques de no: collaborateurs pour passer de Windows 8.1 à Windows 10. De ce fai nous profitors de la minustion vers de nouveau système d'exploitati Bechtle au sein de la clinique?

pour intégrer sur chaque poste la solution d'authentification imprivate. M.: Pendant plusieurs années, nous avans eu recours à la solution de En alliant ces deux projets, neus essayons d'optimiser ces opérations Nous devons cependant tenir compte des besoins très différents d nos utilisateurs aux métiers très variés allant du blec opératoire au déployé la solution dans près de 50 % des installations. Actuellement, le

Lire l'article





## **Chiffres**

## Service informatique

Nombre de serveurs



**170** 

Virtuels sous gestion

**Nombre équipements** 



**Imprimantes** 

sous gestion

100

**580 Sous gestion** 

**Nombre** 

600

utilisateurs

Nombre de ticket support

2018 <del>→</del> 1963

2019 <del>→</del> 2170

2020 <del>→</del> 2687



majeur depuis 2015

150 lits

clefs

Chiffre

14'000 intervention /an 130'000 Cas ambulatoire 7 salles opérations



**Volume stockage** 

1000 TB

**Salles informatiques** 

2+1

**Boîte aux lettres** 

770



Dont 40 pour médecins externes

Collaborateurs au Service informatique 7 (6.8 EPT)

20.05.2021 This is a placeholder text for a footer





## IT infrastructure

## Pourquoi Imprivata?



Traçabilité



Facilité de connexion pour les utilisateurs



Authentification NFC par badge sur appareil mobile



Large choix de type de connexion (Token sw, Token hw, sms etc ...)



# Any questions?

Learn more at bechtle.com















