

CleanWeb ePROWEB

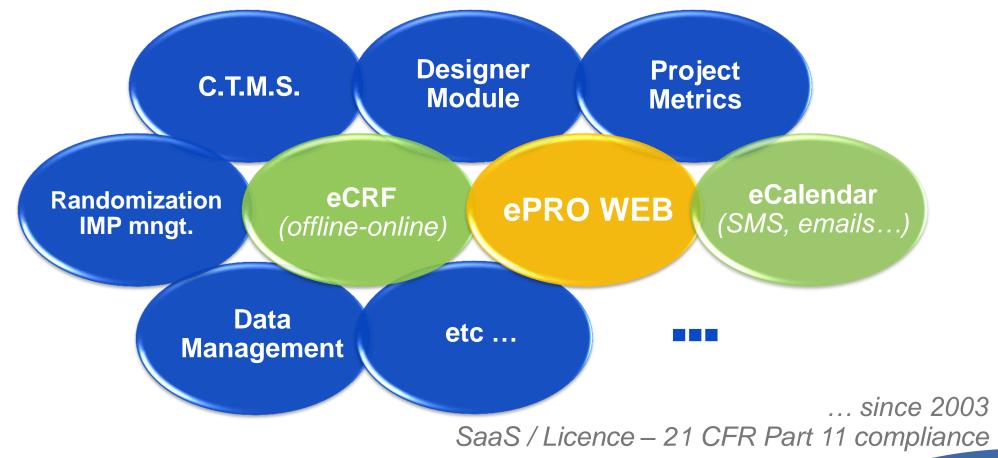
e-tools and social networks for epidemiology

Paris - 21/05/2013

Sabine LOW-HONG Patrick BLANDIN Yoani MATSAKIS Contact : clinicaltrials@tentelemed.com

CleanWeb

A Global Solution for online management of clinical trials & epidemiology



telemedicine

PRO – Patient Reported Outcome

- telemedicine technologies
- Patient questionnaires to be filled independently from the investigator

Why use ePRO ?

- Increased data quality (i.e. primary study criteria..)
- Real-time data collection → transparency
- Allow subjects additional privacy
- Minimize risk of falsifying data
- Higher compliance rates

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- Patient ID ?
- Quality of data, compliance ?
- Logistics ?
- Double data entry process ?
- Flexibility ?





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- Equipment costs ?
- Logistics ?
- Maintenance ?
- Flexibility ?

telemedicine

Why ePRO *WEB* ?

ePRO WEB

Subjects complete eQuestionnaires via direct entry on a web site.

- No hardware, no hardware malfunction
- No maintenance (battery, synchronization...)
- Dramatic cost reduction
- Can be associated with an eCRF : data available to sponsor in one database
- Patient uses his own device/computer: ease of use







Example of study using ePRO

Study on back pain

- Inclusion visit
- Pain evaluation every 15 days (ePRO)
- Additional questionnaires at 3, 6 and 12 months (Quality of Life, Disability, Mood...) (ePRO)

Security and authentification



Contact information saved on a secure server with restricted access rights

Patients / subjects authenticate using a PIN code received by email or SMS



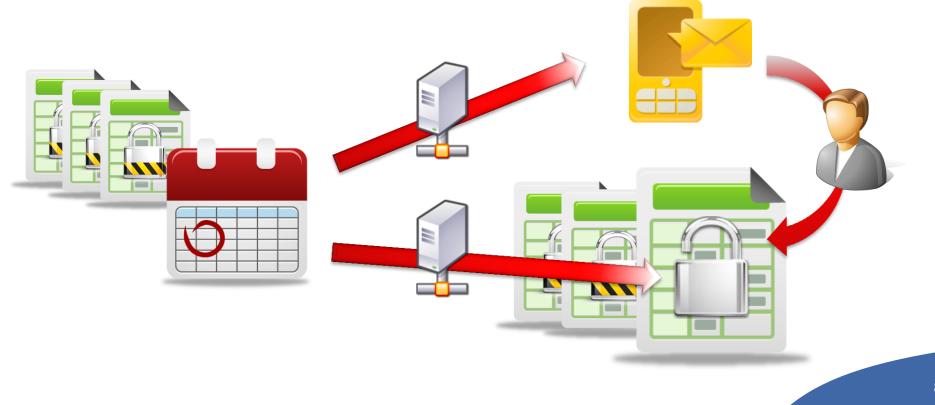




Security and authentification

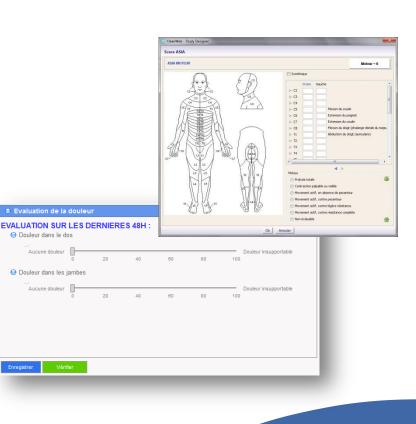
Enhanced compliance with protocol timeline

PIN codes are only valid during a pre-defined time window (according to the protocol) and renewed for each questionnaire



Enhanced data Quality

- ✓ Fully time stamped data entry
- ✓ Full online audit trail
- ✓ Edit checks, dynamic behaviors
- ✓ Advanced graphic data entry fields
- ✓ Ease of use for patients / subjects



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Automated reminders

Patients' / Subjects' compliance induction

Automated reminders (SMS, emails ...) can be configured at specified time points before, during or ... after data entry time windows



Versatility of entry means

"Responsive design" featured



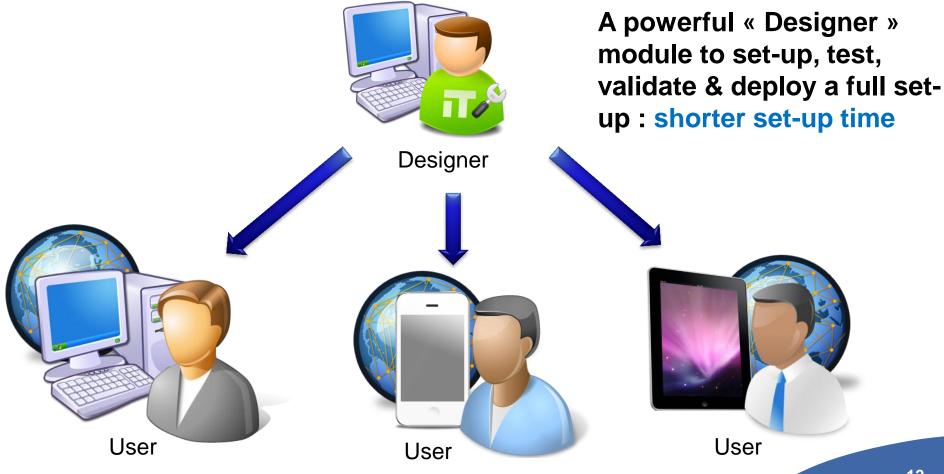
Personal computer

Smartphone

Tablet PC

Flexibility – adaptability

Upgrades available immediately : a 1 click process

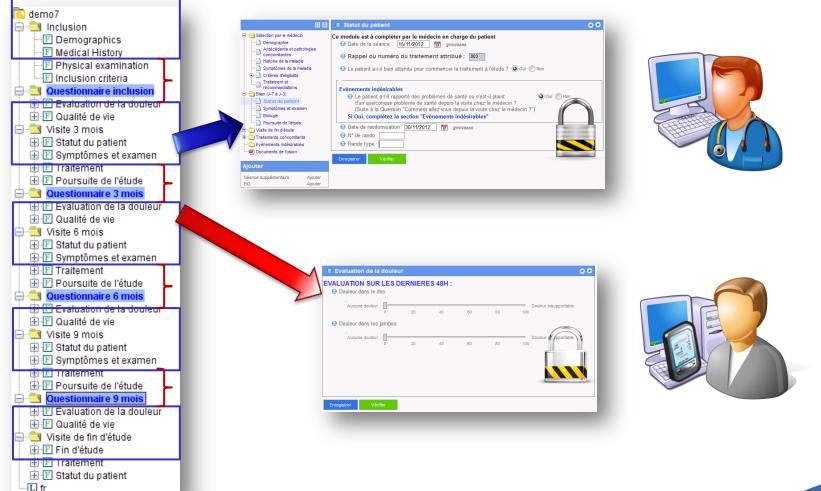


telemedicine

Full integration with eCRF

Optimized processes - no "mapping" issues





det. **Powerful real time monitoring boards**

Optimize project team resources, automated reports

	mentaire								
Type S	Statut Référence patient	Centre	▼ Inve	estigateur -					
férence patient	Туре	Date théorique	Date effectuée	Statut	Commentaire				
-001	4 - Visite J90	19/05/2013		A venir					
003	4 - Visite J90	12/05/2012		Non rempli					
-004	4 - Visite J90	19/05/2013		A venir					
-005	4 - Visite J90	19/05/2013		A venir					
-006	4 - Visite J90	07/04/2013		Non rempli					
-007	4 - Visite J90	09/01/2013		Non rempli					
-008	3 - Visite J30	11/05/2013		A venir					
-009	3 - Visite J30	11/05/2013		A venir					
-010	3 - Visite J30	11/05/2013		A venir					
-011	3 - Visite J30	11/05/2013		A venir					
-013	3 - Visite J30	14/05/2013		A venir					
-014	2 - J10	26/04/2013		A remplir					
-015	3 - Visite J30	17/05/2013		A venir					
-016	2 - J10	25/04/2013							
-017	2 - J10	26/04/2013	Patients	3 🖧 Nouveau Pati	ient 🗞 Queries 🚍 Planning				
-018	2 - J10	01/05/2013							
-019	4 - Visite J90	13/06/2012	Désactiver	r les alertes Comm	mentaire				
	3 - Visite J30	08/05/2013	To	pe S	Statut Référence patie	nt Ce	ntre	Investigateur	

2 - J10

3 - Visite J30

4 - Visite J90

01-018

01-018

01-018

GIIL "

View by patient

01/05/2013

21/05/2013

20/07/2013

A remplir

A venir

A venir

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To summarize ...

- Ease of use by patients & project teams
- Increased data quality (authentication, time stamp, enhanced date entry I/F ...)
- Additional privacy for patients / subjects
- Powerful compliance induction features (automated reminders...)
- Dramatic cost savings (no hardware , no maintenance, no logistics...)
- Flexibility / adaptability (long term studies ...)
- Adapted for large populations
- Efficient real time monitoring & reporting tools
- Point of concern :
 - Internet connection required,
 - Population bias ?





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Thank you for your attention !

