

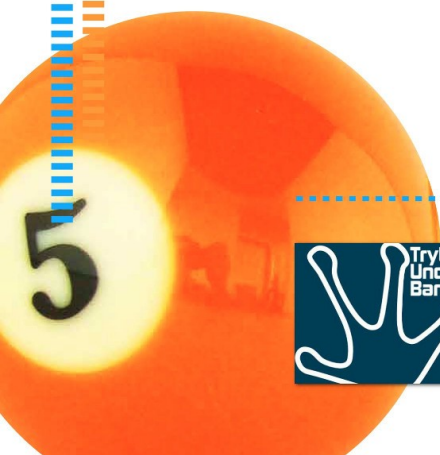
# SALUC

Implementing Tryton  
in a billiard balls manufacture





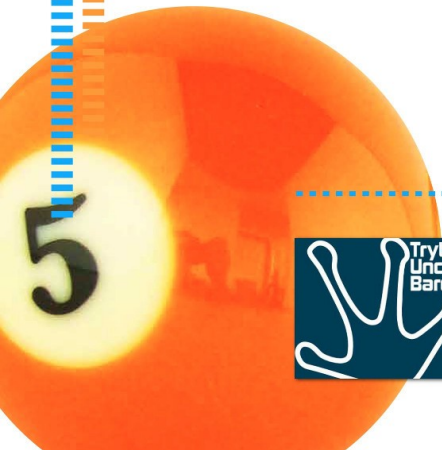
7604 Callenelle :  
15 km from Tournai  
30 km from Lille  
90 km from Bruxelles





# BILLIARD BALLS

 aramith®



 saluc S.A.



**Tryton**

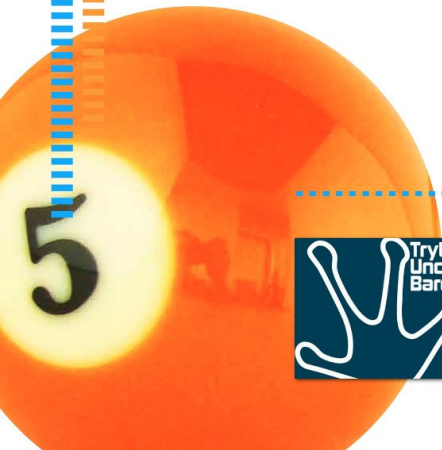
# INDUSTRIAL BALLS



 **Preciball** s.a.  
A division of Saluc Group



  
Logitech

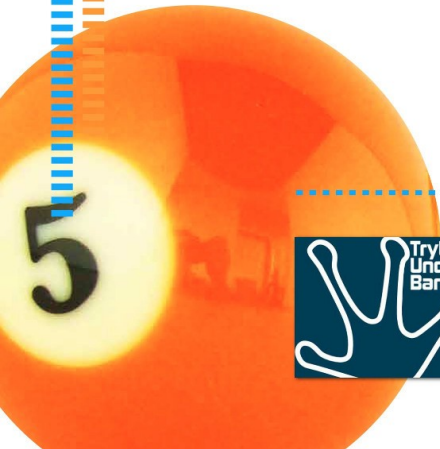
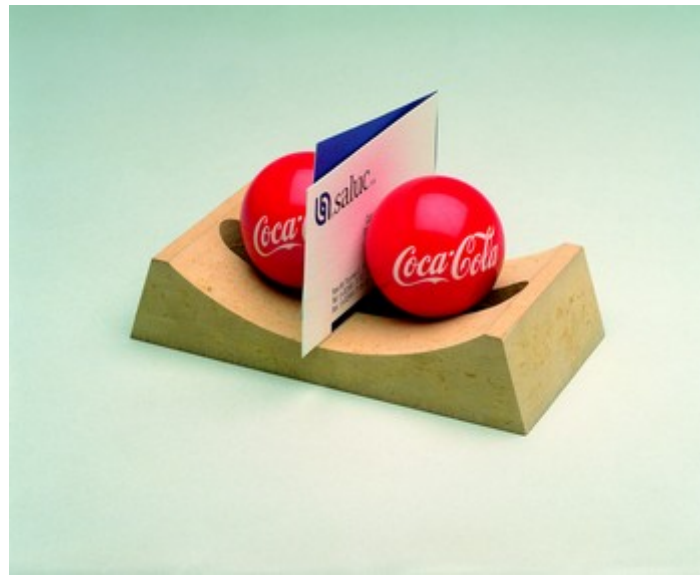


 **saluc** s.a.



**Tryton**

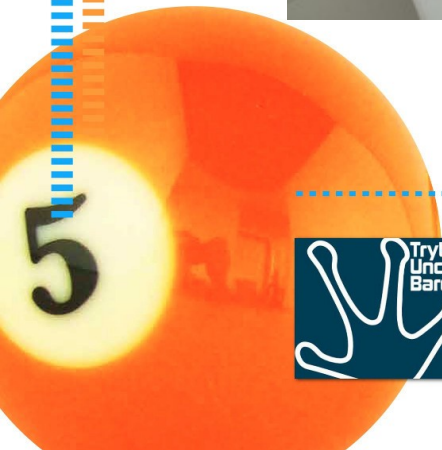
# BUSINESS GIFTS

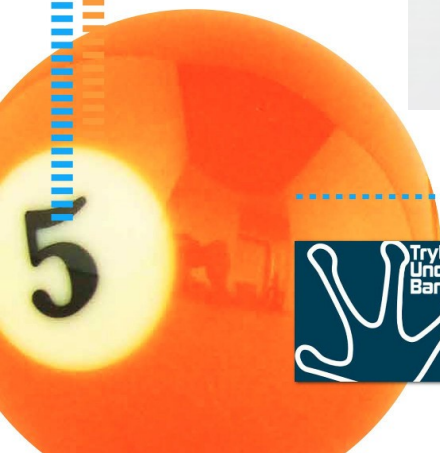
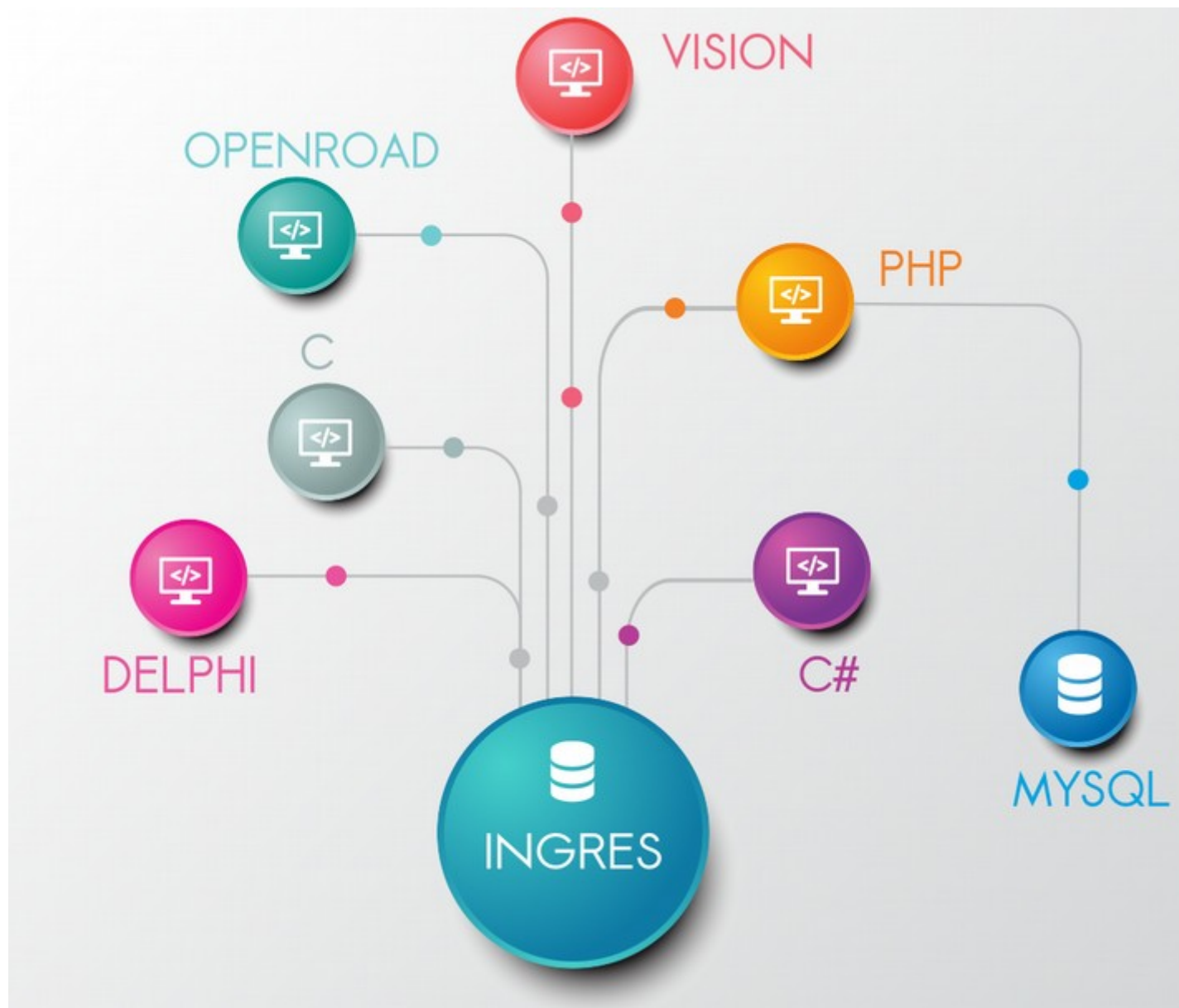




# BILLIARD TABLES

[fusiontables]





# Why change ?

- Database « Ingres Community » obsolete
- Code & data redundancy
- Programming language diversity
- Old legacy ERP System (Vision/C)





# CAM = Computer-Aided Manufacturing - OPENROAD

Menu Outils Systeme

F1 : Session F2 : Planning F3 : Pointage F4 : Signaler Prob. F6 : Debut/Fin Journée F8 : Niveau Sup. Ctrl - Mes.2 Version : 2.60

Session n° : 1 Ctrl-F5 : Maintenance Préventive

N° CC : 201 POSTE DE COULEE Instructions Productions

N° Tâche : 20111 COULER 1ERE PARTIE

N° Opérateur : 12 PIRON JEAN-CLAUDE Nbre Opérateurs : 5 Nbre Machines : 1

| Select | Date Début P. | Num Of | Article        | Qte Prévue | Retard | Message | Status   |
|--------|---------------|--------|----------------|------------|--------|---------|----------|
|        | 20/10/2016    | 119736 | PLIP0572158RSN | 1108       | 0      |         | PAS PRET |
|        | 20/10/2016    | 119738 | PLIP057215     | 1108       | 0      |         | PAS PRET |
|        | 17/10/2016    | 119689 | PGNL057213     | 2200       | 0      |         | PRET     |
|        | 17/10/2016    | 119690 | SBOC0592IV     | 230        | 0      |         | PRET     |
|        | 17/10/2016    | 119691 | D076200PP051   | 300        | 0      |         | PRET     |
|        | 17/10/2016    | 119692 | SACA0632RG6PIV | 950        | 0      |         | PRET     |
|        | 17/10/2016    | 119693 | PGND057202     | 2150       | 0      |         | PRET     |
|        | 17/10/2016    | 119694 | PGND057211     | 1296       | 0      |         | PRET     |
|        | 17/10/2016    | 119695 | PGND057212     | 1296       | 0      |         | PRET     |
|        | 17/10/2016    | 119696 | BUOR0508RG     | 2500       | 0      |         | PRET     |
|        | 17/10/2016    | 119697 | PPGN057212RSSN | 2200       | 0      |         | PRET     |
|        | 17/10/2016    | 119698 | PGND057214     | 2500       | 0      |         | PRET     |

Rechercher Un OF Dans le Planning : CTRL-R

F9 : DEBUT OF F10 : FIN OF F11 : ARRET OF F12 : REPRISE OF Ctrl-M : Voir Message Ctrl-D : Données Techniques Ctrl-L : Liste Choix

## Legacy ERP - VISION

appsrv2.saluc.com - PuTTY

Liste des D.A.

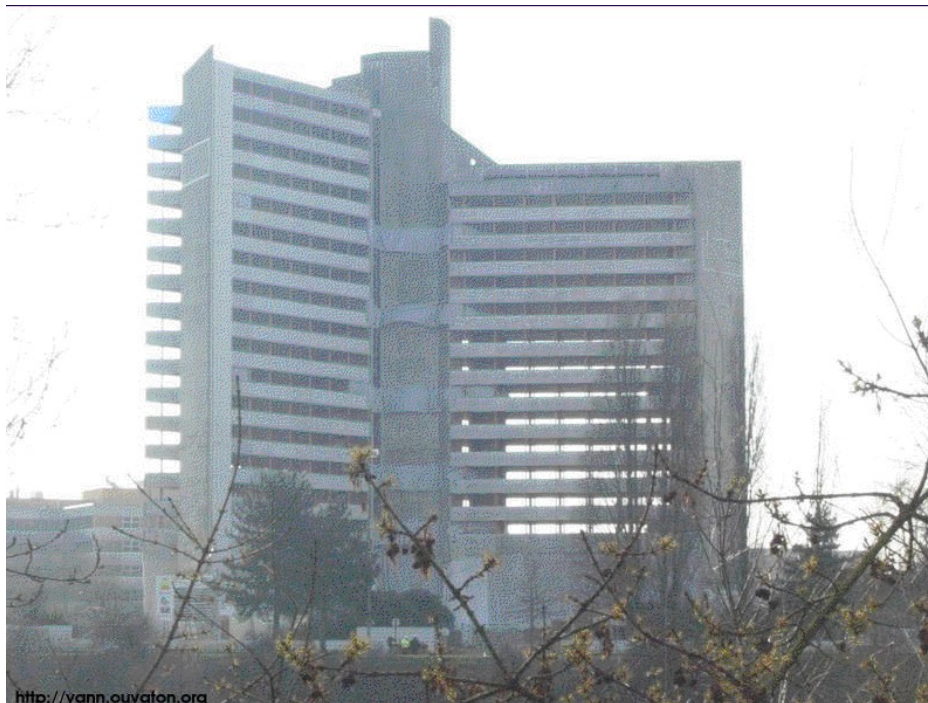
| No Da | Date Da    | Fournisseur   | Emetteur | Viseur   | Status   |
|-------|------------|---------------|----------|----------|----------|
| 67694 | 27/9/2016  | FONDU PASCALE | DESMECHT | DESMECHT | Lancee   |
| 67771 | 11/10/2016 | FERUTIL       | BERTIN   | BERTIN   | Regroupe |
| 67774 | 12/10/2016 | LECOT         | BERTIN   | BERTIN   | Regroupe |
| 67785 | 13/10/2016 | BIOGRAPHIC    | DEM00R   | OLONDE   | Regroupe |
| 67786 | 13/10/2016 | BODDIN        | BERTIN   | BERTIN   | Regroupe |

Saisie(F4) VisDa(F5) Imprimer(F6) Lancer(F7) Detruire(F8) >

5



# Solution ?



Global CHANGE

5



# The future of our IT infrastructure?

- Less databases
- Less programming languages
- Multi-platform
- Multi-devices

5





# Our BUSINESS future ?

- No more process redundancy
- Analyze our business processes
- New features
- Multi-language
- Security
- TEAM WORKING



# Why choosing Tryton ?

- License GNU GPL
- Foundation Tryton
- Business application Framework
- Multi DB : Sqlite, Postgresql
- Modularity and scalability
- Python Language
- Step by step integration vs bigbang



# Our Challenges...

- Team Working
- Using new tools (mercurial, code review,...)
- Coding guidelines (Pep8, Flake, ...)
- English mastering
- Python learning
- Working with tests/scenarios





# How we started with Tryton ?

- Learning Python (basis)
- Discovering Tryton (technical training with B2CK)
- Discovering Tryton's modules operation
- Reading Tryton's code (trying to understand how it works, looking for documentation,... → not easy)
- Simple customization of a module
- Correcting easy issues in bugtracker



# How we started with Tryton ?

- Flow analysis (hard :-) )
- Flow adaptation to Tryton
- Users integration in the project : failure
- Archive data migration
- Step by step integration



# And now ?

- Devellopping our first « simple » generic module following guidelines... **PURCHASE\_REQUISITION**
  - Blueprint on Discuss
  - Issue for the features
  - Help on the newsgroups
  - A lot of reviews and comments
  - Irc Chat & videoconference





# Any Questions ?

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