



From layout to chips

myCMP: MPW specialized web application

CMP annual users' meeting - 07-Feb.-19 - PARIS



Grenoble



UNIVERSITÉ
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Horizon 2020
European Union funding
for Research & Innovation



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Agenda

- **Motivation**
- **Overview of myCMP web application**
- **Main features / benefits**
- **User interface**

Registration page

Central control panel

Design kit requests

Run status

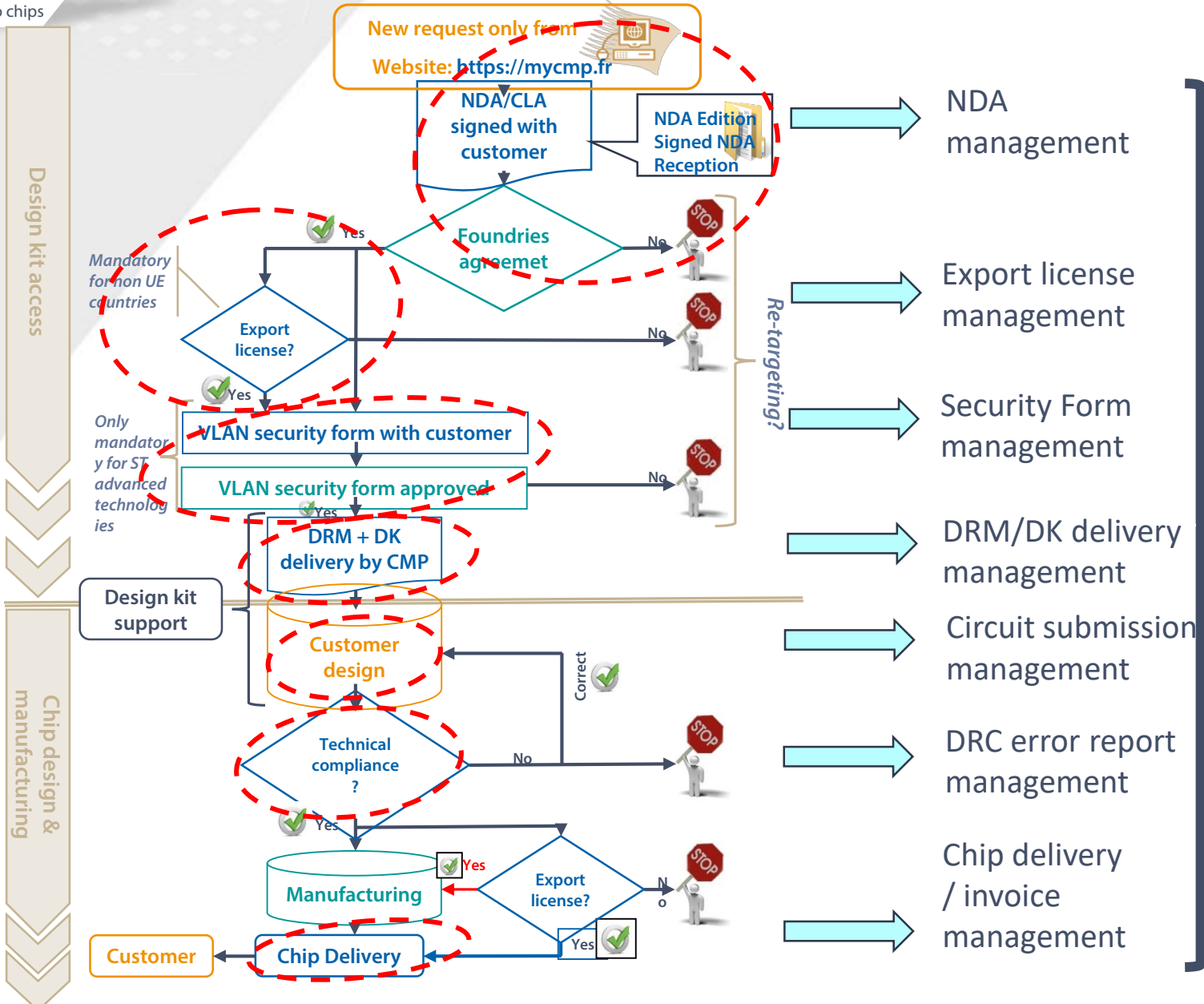
DRC report interface

- **Mile stones**
- **Conclusion**



Motivation

From layout to chips



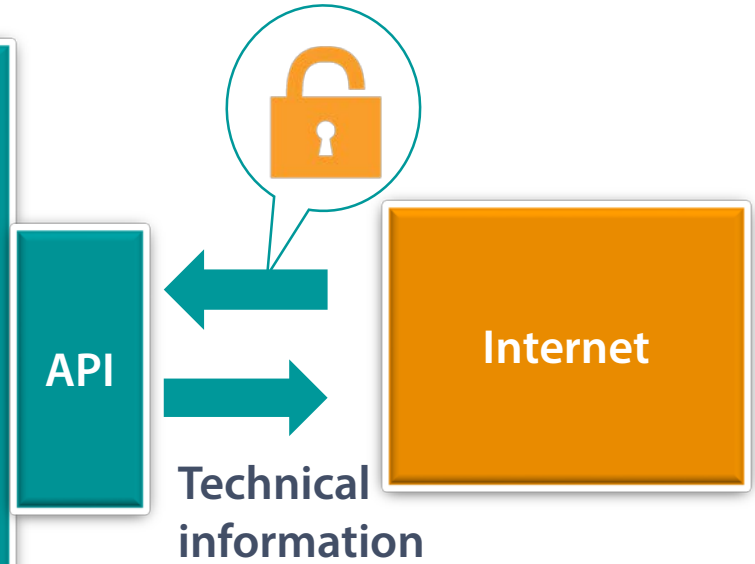
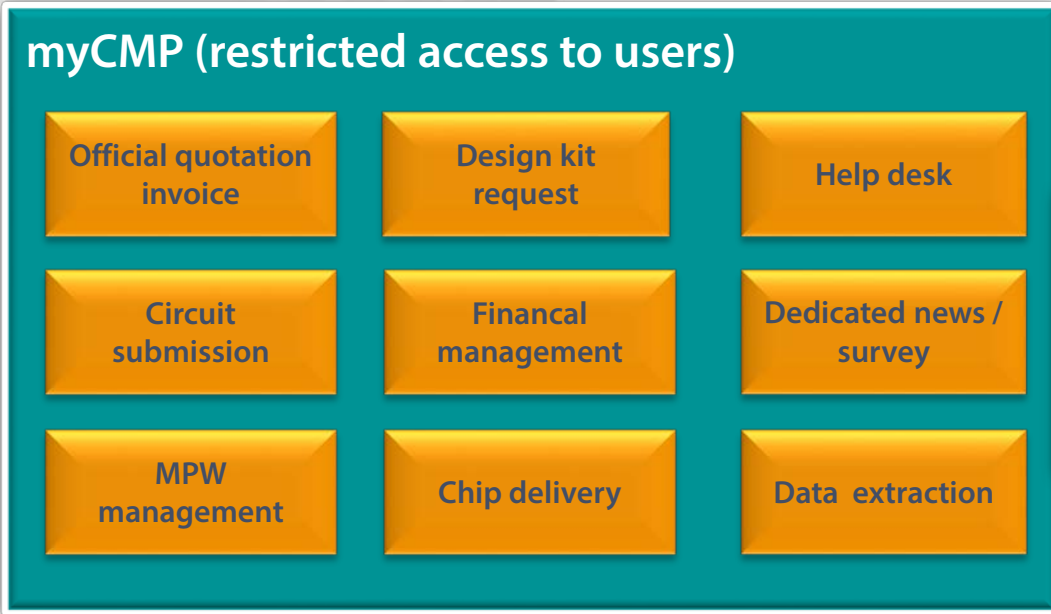
All in one tool/
interface:
myCMP



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myCMP overview

myCMP (restricted access to users)



On-line secure, ergonomic interface between designers, CMP staff and manufacturers unifying all provided services





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Main Features / benefits

- All CMP services in one unified tool/interface
- Interconnection of different CMP core activities
- Automated tracking / Real time status of the project
- Single exchange platform for all documents
- Direct chat with CMP run managers
- Embedded design kit support center
- Data and document archiving




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Registration Form

MyCMP : Sign up

https://crm.mycmp.fr/register



Sign up

[Go back](#)

Welcome to MyCMP, please create an account to access our services by filling in the fields below.

Your institution

Institution *

Activity type *

Education Research Industry

Are you Europractice-IC Member ?

Fill in your Europractice Member ID *

Head office

Address *

Zip Code * City *

State / Province / Region Country *

Technical Manager

Legal liability



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User Central Control Panel

The screenshot shows the user interface of the CMP system. The top navigation bar includes the CMP logo, the text "From layout to chips", and the user's name "Alejandro MANAGER" with a dropdown arrow. A notification bell icon is circled in red, with the text "Notifications from CMP staff" next to it. The main content area is divided into several sections:

- Dashboard:** A section titled "Summary of DK requests" (circled in red) containing a "Design kit requests in progress" widget. This widget shows a request for "Request n°89" submitted by "Mr MANAGER of Inst_AC institution" for technology "BICMO555", which is "Pending unlocking by CMP".
- My current circuits:** A section titled "User project status at a glance" (circled in red) showing a circuit named "top_cell" with the status "Run S28119_TEST" and a note "FTP Submission pending".
- Requests that expire:** A section for monitoring upcoming requests.
- My current reservations:** A section showing "Reservation n°56" and "Reservation n°55", both with status "Run" and associated test names.
- Notifications:** A dropdown menu showing several messages, including a warning about a file format and updates on design kit requests.
- Left sidebar:** A navigation menu with items: Dashboard, Design kit requests, Run, Users, and Settings. This sidebar is circled in red and labeled "Main modules".



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myCMP Design kit request

The screenshot shows the 'Design kit request n°72' page in the myCMP application. The interface includes a sidebar with navigation options like 'Dashboard', 'Design kits requests', 'Requests', and 'Settings'. The main content area displays request details and a progress bar for various steps.

Request summary (circled in red): This section contains key information about the request, including its status (Validated), date (12/13/2018 09:49), expiration date (12/13/2021), legal responsible (Mr John DOE), requested technologies (CMOS065), delivery address (155 cours Berliat, Grenoble), and users with access (Mrs Jane DEAN, Mr John DOE).

DK request chat area (circled in red): A chat window is visible, showing a message from 'Mikael GUY' saying 'Hello Mr Doe' and a text input field for sending messages.

Legal / security documents management interface (circled in red): This area shows the progress of document management steps:

- NDA**: Estimated duration 19 days. Files 'NDA.pdf' and 'NDA.pdf signed' are available for download.
- DKLA**: Estimated duration 30 days - Founder step. Status: 'Step validated by founder'.
- FS VLAN Security form**: Estimated duration 20 days. Files 'FS.pdf' and 'FS.pdf signed' are available. Status: 'File pending validation'.
- FFS VLAN security form**: Estimated duration 1 day - Founder step. Status: 'Step not available for the moment'.

Run Status

Order processing steps

Order → Data processing → **ST : Design Review** → ST : Floorplan validated → ST : Lot started → Post manufacturing → Diecing → Delivered

Order summary

Status : Validated
 Circuit name : RTX2080
 Reservation : 08/21/2018 (n°4)
 Run : S28116_TEST (09/06/2018)
 Delivery date : 10/16/2018
 Technology : CMOS28FD-SOI
 Dies thickness : 370 μm
 Size of circuit : 2500 x 2500 μm (6.25 mm²)
 Circuit function : plop
 Other information :

Order technical info

Technical information
 User in charge : Mr John DOE
 Technical manager : Mr John DOE
 Legal responsible : Mr John DOE
 Design kit used : CMOS28FDSOI - PDK 2.9 (2.9)
 Kit libraries used : virtuoso (1.7)
 Librairies du kit utilisées : C28SOI_SC_8_SHIFT_LL (5.2-00)

Design submission chat area

Design submission order?
 Your message
 Envoyer

Reservation/order user interface

- Dashboard
- Design kits requests
- Run
- Dashboard
- Make a reservation
- My reservations
- Place order
- My orders
- Users
- Setting



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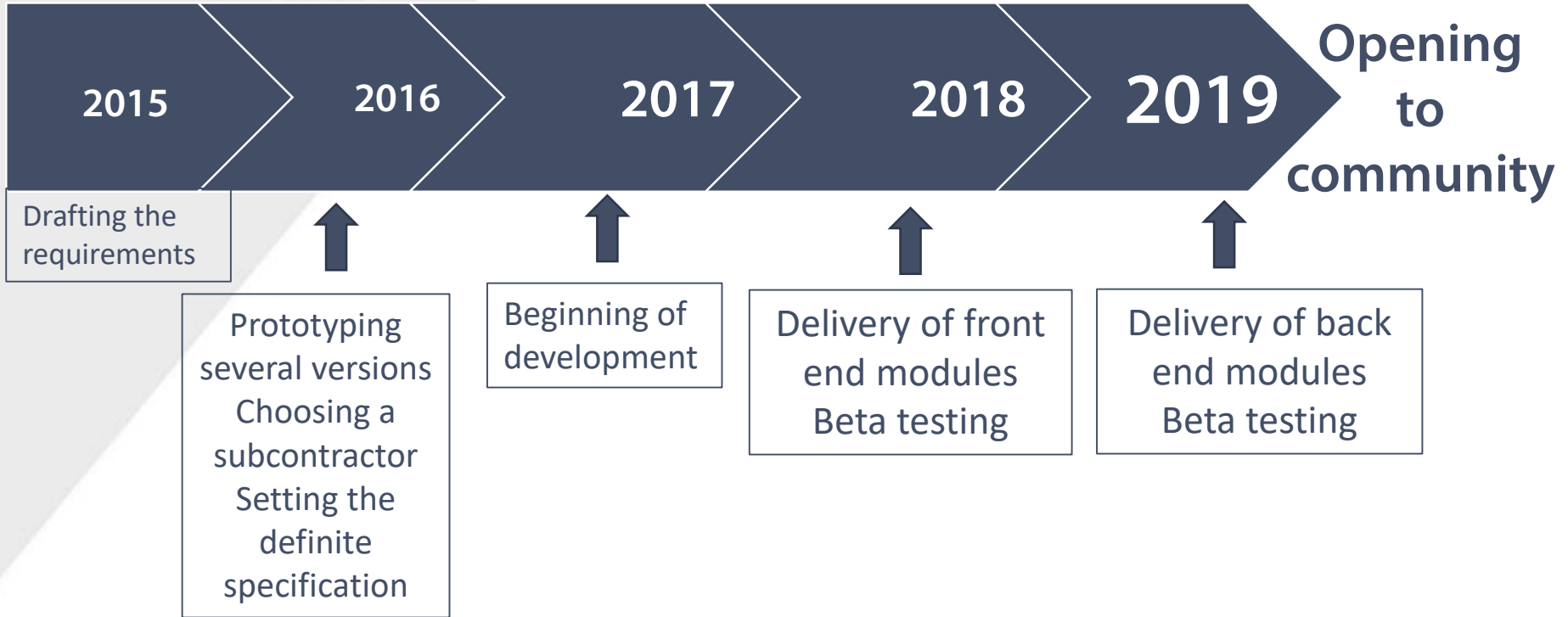
DRC report interface

The screenshot shows the myCMP web interface. On the left is a navigation sidebar with items like Dashboard, Design kits requests, Run, and My orders. The main content area is titled "Order identification" and shows details for "Order n°4". A red dashed oval highlights the "Order n°4" text and the breadcrumb "My orders > Order n°4". Below this, there are tabs for "Circuit", "Order", "Address", and "DRC". A "Back to list" link is at the top left of the content area. Under the "FTP files" section, three buttons labeled "GDS x", "PIPO x", and "INFO x" are highlighted with a red dashed oval and labeled "File transfer interface". Below the buttons, the "View report" button is highlighted with a red dashed oval and labeled "Access to report". Other visible text includes "Version : 2", "Status : validated", and "Date : 12/07/2018 08:48". The footer contains "myCMP® is a CMP service", "Legal notice", and logos for CMP, Université Grenoble Alpes, and CNRS.



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myCMP milestones





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Conclusion

- We hope myCMP will be
reliable

efficient

simplified

securized

unified

- Access

<https://mycmp.fr>