



Achieving the Perfect Screen

Making your business better with the best in automation

The Path to the Perfect Screen



INNOVATIVE SCREEN MESH

SWISS SCREEN TECHNOLOGY

SWISS CtS TECHNOLOGY

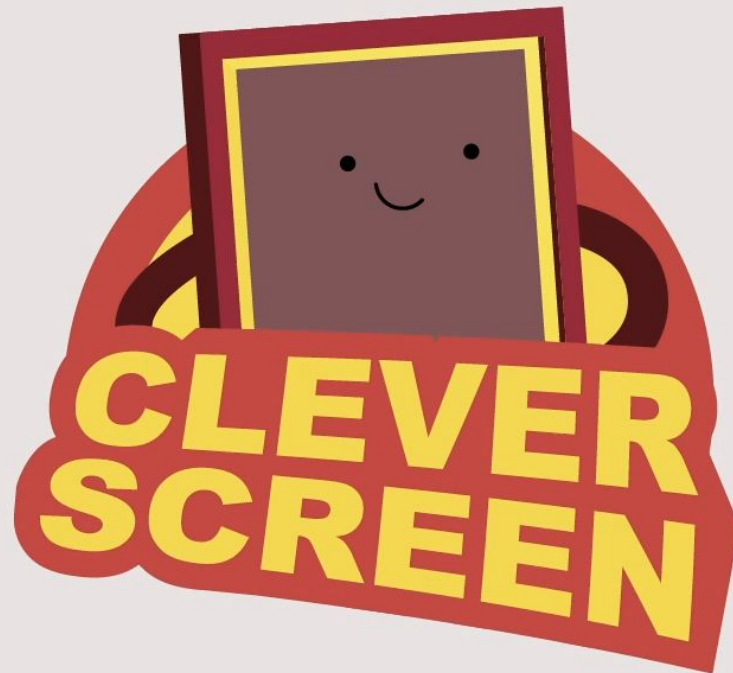
Mesh
Chemistry
Equipment

Equipment
Stretching
Coating
Washing
Drying
Frame prep

Equipment
CtS Direction Exposure

GRÜNIC

SignTronic[®]
AG



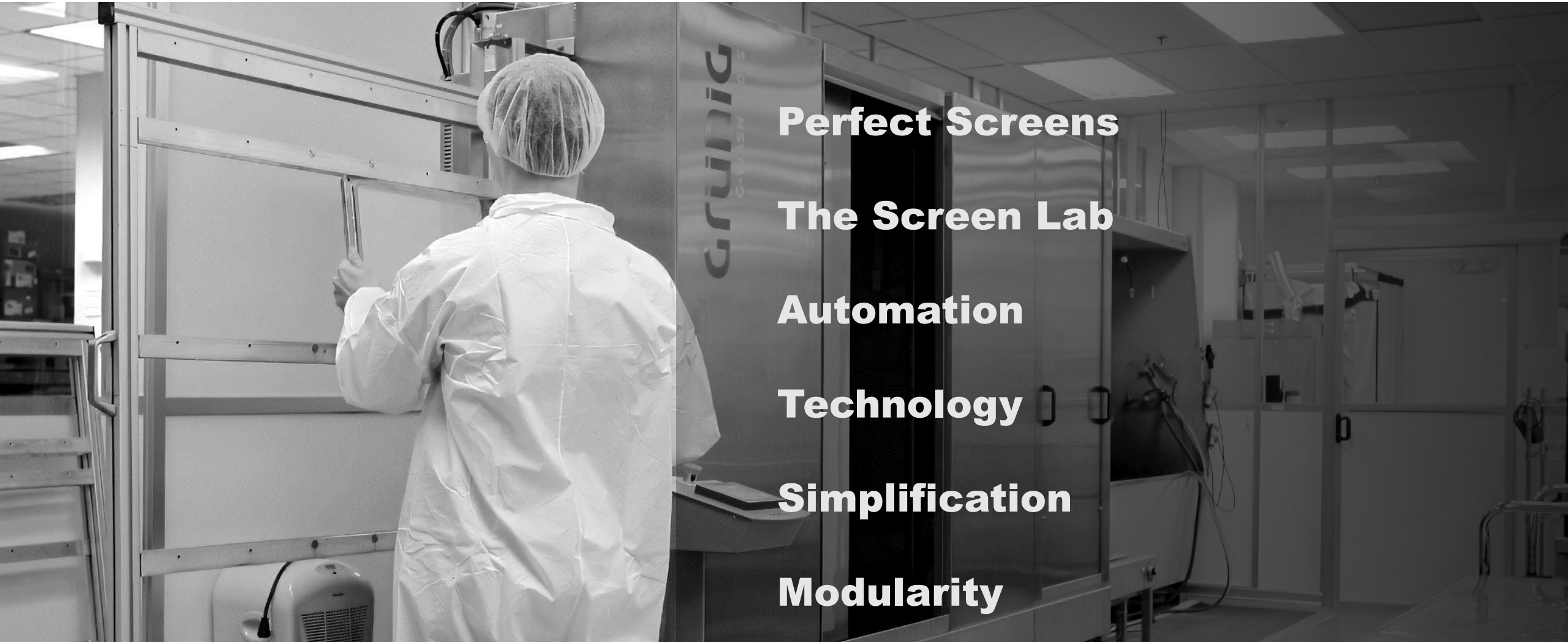
The Future of Screen Printing

Trends/Needs



SignTronic
AG

GRÜNIG



Perfect Screens

The Screen Lab

Automation

Technology

Simplification

Modularity

New Concepts

The Screen Lab

What is needed?



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Stretching machine (in-house/outsourced)

Coating machine

Drying units (horizontal/vertical)

Washing machines (washing, decoating, degreasing)

CtS Direct Exposure technology

Washing developing machine

Prep frame cleaning (old mesh/glue removal)

GOAL:

One lab, one
operator

Factory Workflow



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Computer



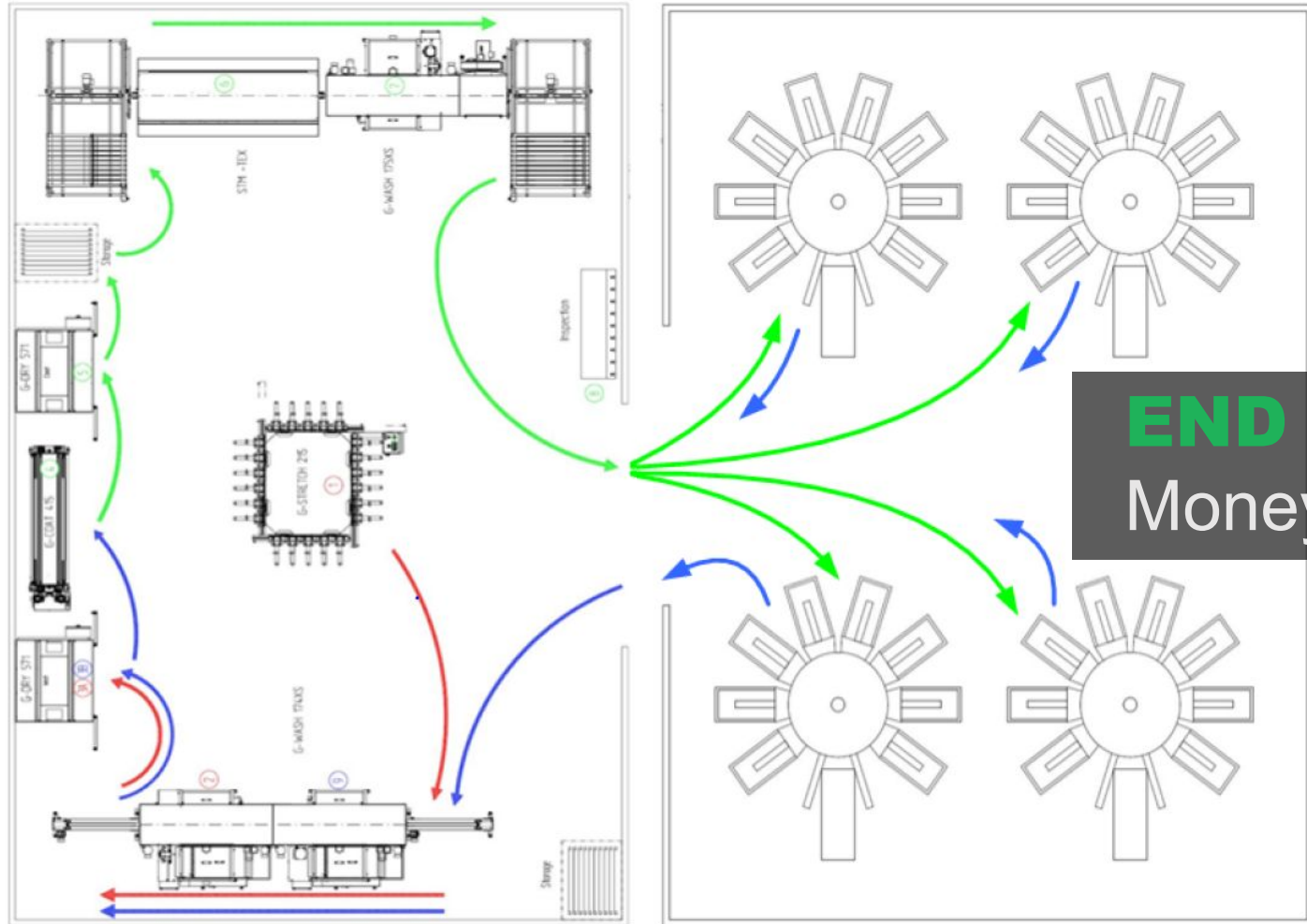
Software



RIP



1-bit-TIFF



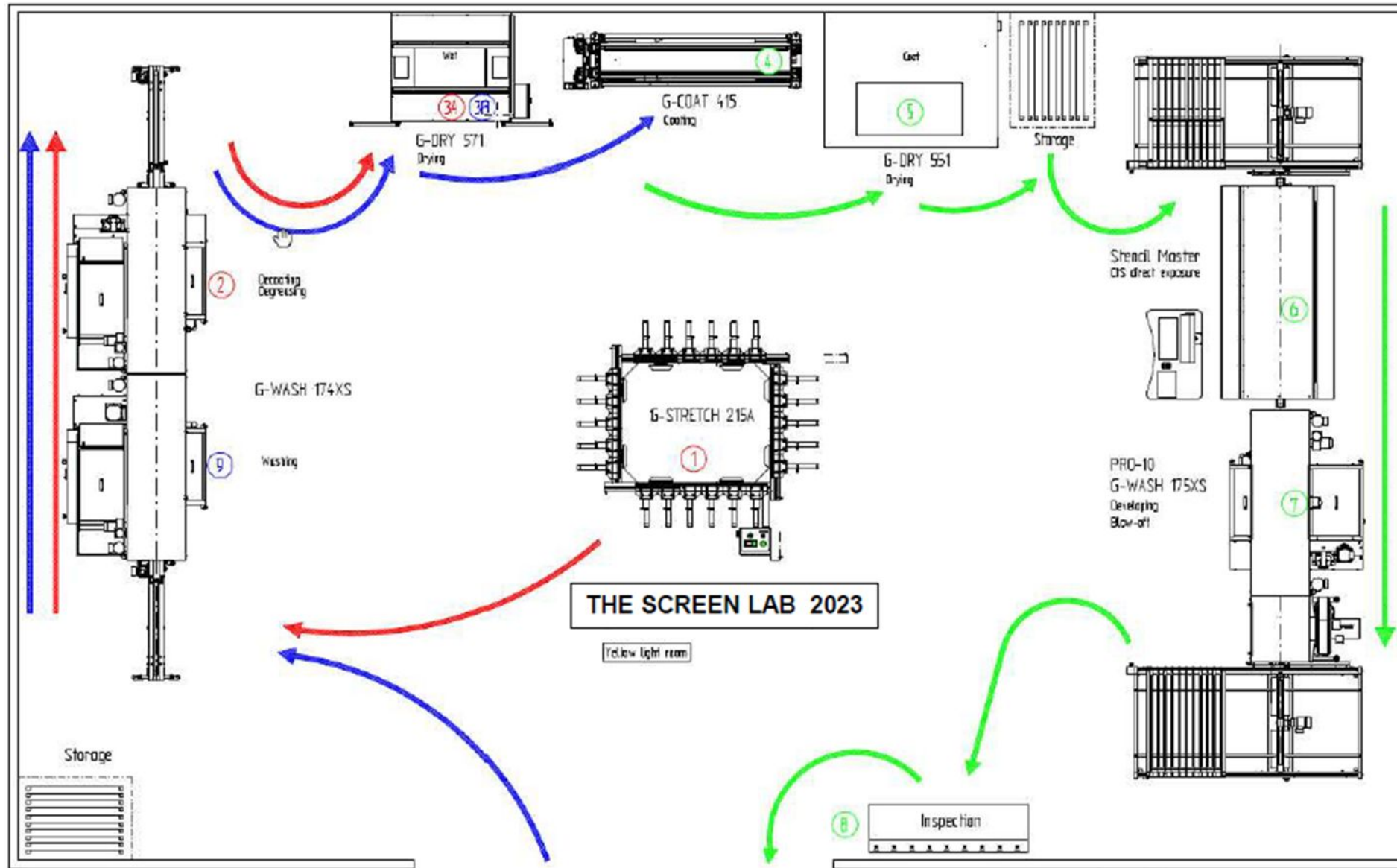
END RESULT:
Money saved

1 ArtWork / RIP

2 Stencil Making

3 Print Room

Screen Lab: IN-LINE Units



CtS IN-LINE Modular Concept



CtS IN-LINE Modular Concept



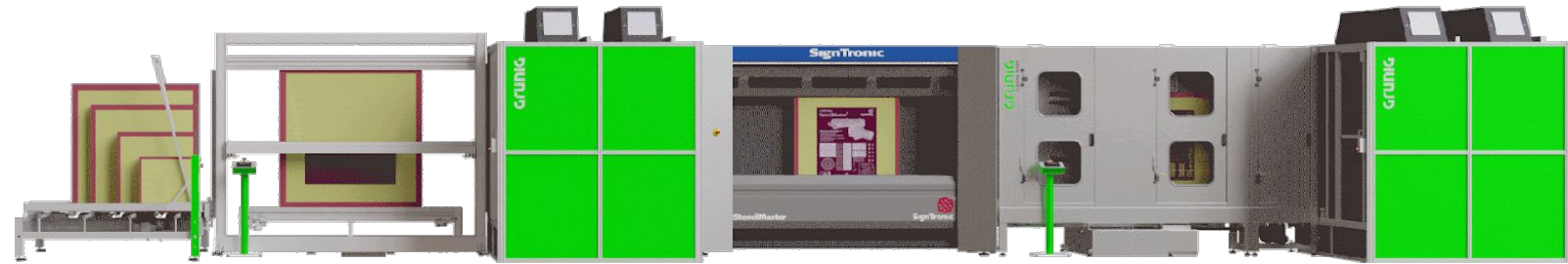
CtS IN-LINE Modular Concept



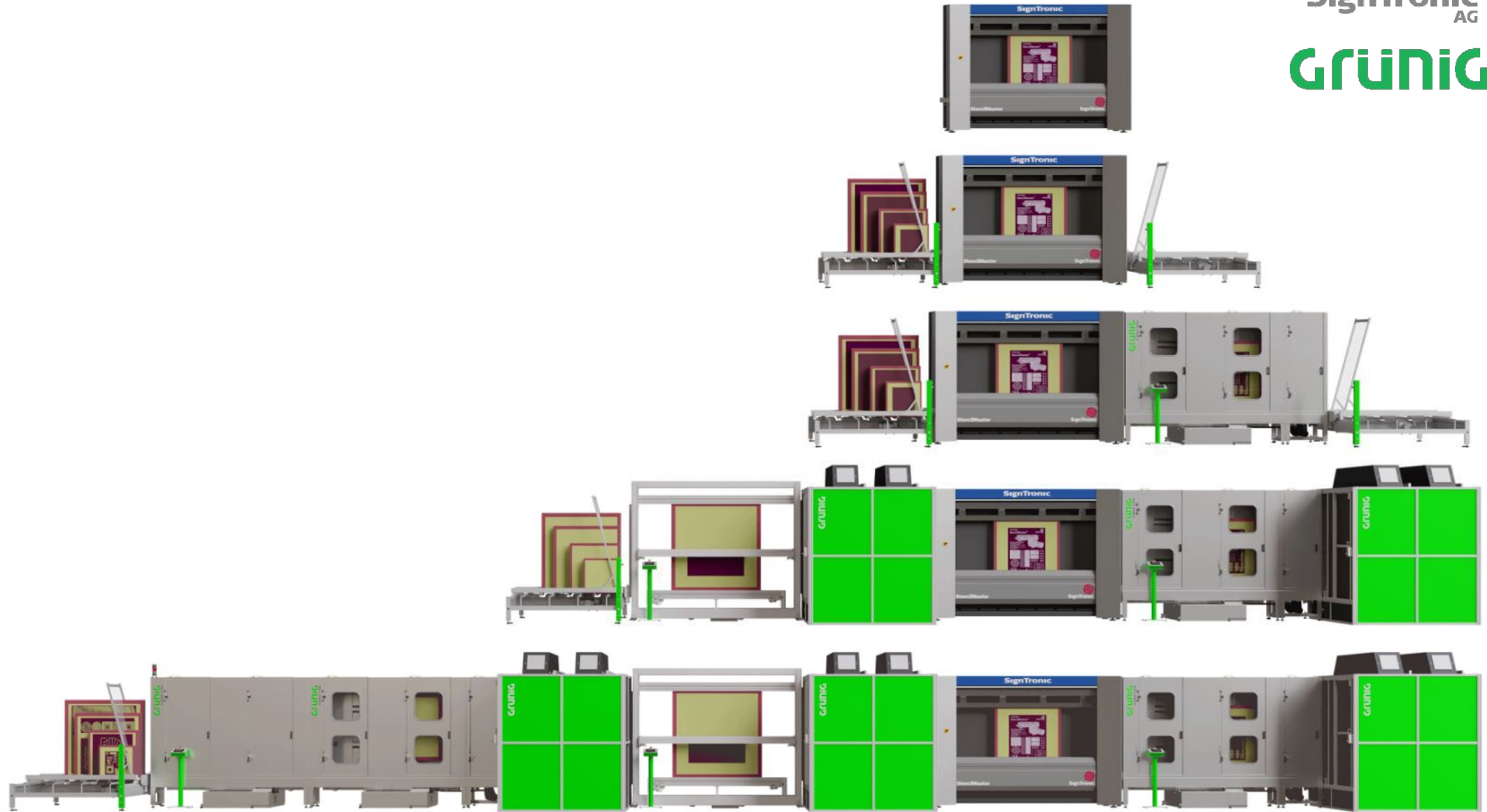
CtS IN-LINE Modular Concept



CtS IN-LINE Modular Concept



CtS IN-LINE Modular Concept



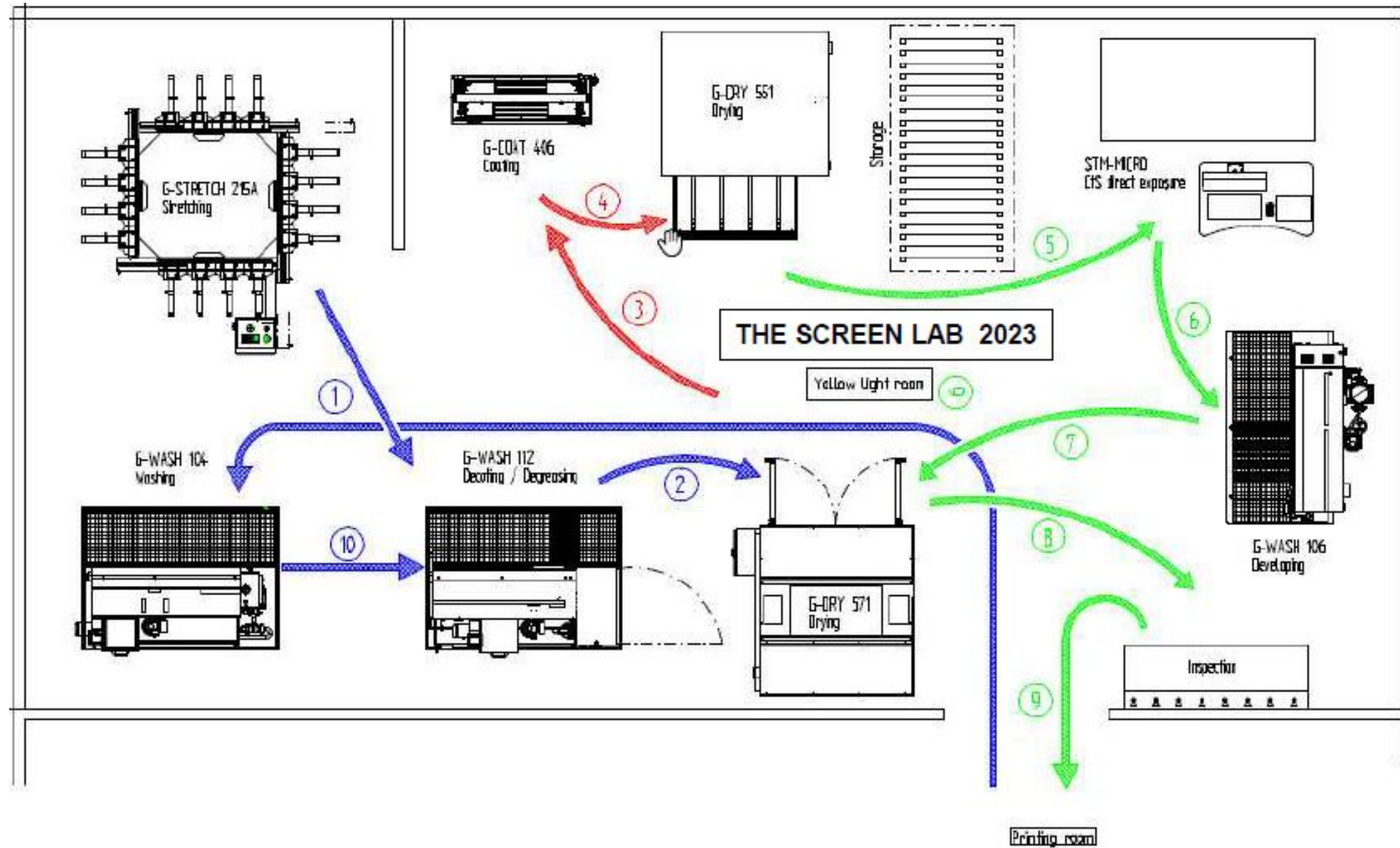
Screen Lab: IN-LINE CtS and Developing



Screen Lab: IN-LINE Screen Cleaning



Screen Lab: Stand-alone Units



Screen Lab: Stand-alone Units

STRETCHING

G-STRETCH 215(A)



COATING

G-COAT 406 / G-COAT 414



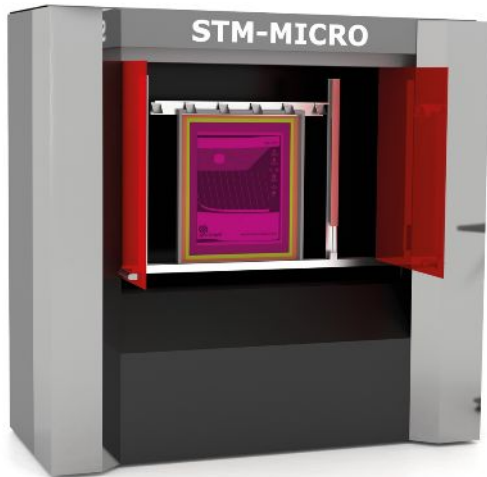
DRYING

G-DRY 551



COMPUTER to SCREEN (CtS)

STM-MICRO



WASHING / DEVELOPING

G-WASH 106



INK WASHING / DECOATING / DEGREASING

G-WASH 104 / G-WASH 112



DI-MESH® Designed specifically for Direct Imaging applications



Reduce exposure time by up to 20%*



Reduce flaws, including dot loss

*Values based on experimental data. Not a guarantee of performance.

We appreciate your attention



Thank you for your time...

We look forward to serving you!

For more information, please visit us at nbcmeshtec.com