EXCALIBUR VISION

DSX

Global security

Access control | Cctv | technical and security alarm | Supervision

From the simple office to
the world wide company

From 2 to 32 000 doors
From 16 to 1024 Cameras
From 32 to 32000 Alarm points
From 1 to 1 million cards
From the lift management to
the card design and printing

MULTI-TASKS
MULTI-WORKSTATIONS
MULTI-LOCATIONS
MULTI-FORMATS
MULTI-LANGUAGES

For high security projects

ExcaliburVision : Global Security Management

Access Control

- Virtualy no limit
- Multi technologies for credentials
- IP Architecture
- Suitable with up to 660 cards readers types
- Management of cardholders, vehicles, devices
- Modular panels
- 10 years waranty on panels

EXCALIBUR

Security alarm
Technical alarm

- Up to 32 000 alarm points (technical or security)
- Up to 160 inputs by panel
- Up to 32 000 partitions
- Up to 32 000 timers
- Up to 32 000 outputs
- 10 years waranty on panels

CCTV

- Video IP, HD-Sdi or analog
- Up to 1024 cameras
- Up to 60 FPS per camera
- Broadcast streaming for tablets and advanced phones
- Plates licence recognition
- Smart display on events
- Management of video events
- Video analysis

Luxriot inside

Onvif

ISION

Super-vision

- Up to 40 comm ports for external devices
- Hot-swap servers
- Up to 990 workstations
- Dynamics maps
- Voices messages
- Management of instructions

Fire

Pumps

Air conditionning

Generator sets

Lightning

ACCESS CONTROL

The basics points by ExcaliburVision :

- Rights management for people or groups
- History reports
- Automatic locking of doors and gates
- Real time monitoring of doors and gates
- Multi-location, multi-technologies
- Multi-workstations, multi-languages
- Graphic interface
- Open connectivity

ExcaliburVision can handle up to thousands locations with only one server. ExcaliburVision manages local or remote locations by Tcp/Ip, RS-485 bus or simples phones lines. The workstations are linked to the server by network. Backup or hot-swap features are of course available.

Any location can have its dedicated workstations. The workstations are linked to the server and manage their local system (access, alarms, video).

Any workstation can be filtered « feature by feature » or « point by point ».

Any ExcaliburVision location can handle hundreds of controllers or cards readers.

If, for security reasons, the RS-485 is used, the star cabling and the lengh of 1700 meters between panels allow projects in very large locations.

The downloads are fully automatic and never require an human action.

Any ExcaliburVision location can use dozens of reader type in the same time. In the same way any card holder can have dozens of credentials (in any technology).

Supported credential technologies :

- All proximity technologies : EM-125, Mifare, Desfire, Fips, max-secure, Rfid , Legic, I-Class…
- Active or passive long range technology
- Biometry
- Old credentials technologies : Magnetic, Barcodes, Dallas chip…
- Embedded technology in locks or cylinders

VISION

Up to 80 credentials technology

IP or RS-485 or modem

Up to 1280 doors/gates by location

High security features :

- 100% of security features managed by controllers
- Anti-passback, anti-time back
- « Who is in ?» report
- Double badging
- Advanced crisys management
- Emergency evacuation or temporary black-out
- Linking level

Major cards readers manufacturers :

- HID, I-Class
- X-CeedID
- Indala
- Farpointe
- Stid
- Deister
- Wavetrend

HID

XceedID

INDALA

Farpointe

STid

deister electronic

Access control | **CCTV** | technical and security alarm | Supervision

CCTV

VIDEO

Motion sensor

Stream break

Record on alarms

Alarm on camera

Mosaic display on events

VCA management

Dynamics maps display

Storage alert

PTZ presets

Alarm on Ip module

Push email

Licence Plate numbers

Access control Alarm

ONVIF

IP camera

VCA Ip camera

VCA:
Motion sensor 3D
Comptimng
Masquing detection...

Video encoder and analog camera

IP
PTZ megapixel

I/O Ip module

Sensors

Outputs

ExcalinburVision brings a great interaction between the CCTV, access control and technical/security alarms.

HD-SDI camera

Hybrid server
HD-Sdi + IP

The CCTV architecture, like for access control and detection, allows to build large projects in high security multi-locations.

Analog camera

The NVR's can handle up to 1600 Ip-cameras from all the major world wide manufacturers.

Hybrid server
Analog + IP

Some NVR's are hybrids and allow to handle HD-Sdi or analog cameras.

Access devices (panels, cards readers...)

The NVR's are embeddind *luxriot* technology.
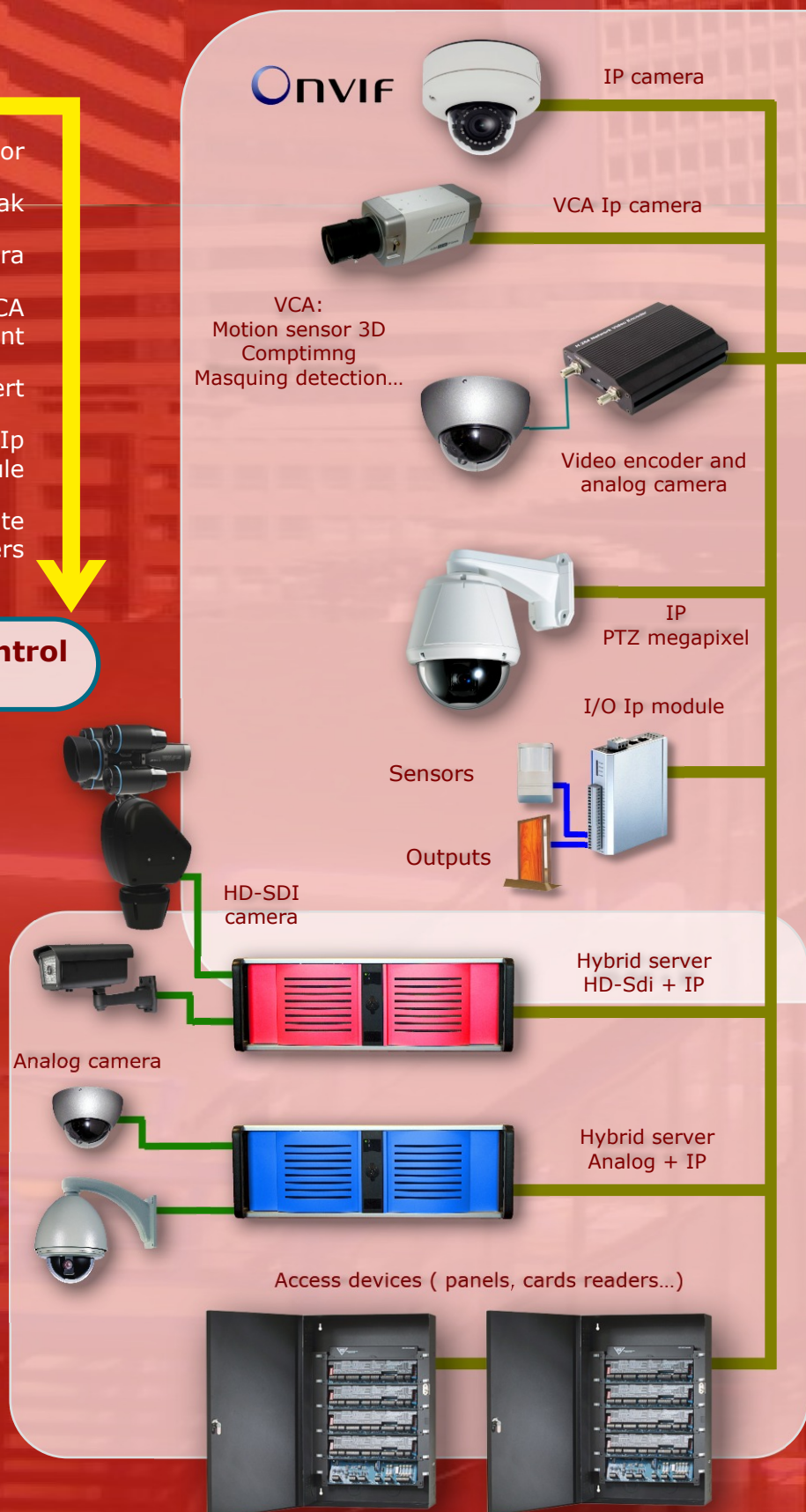
VISION

Design your video system without any constraint...

- IP cameras
- HD-Sdi cameras
- Analog cameras

Internet

IP Network

Triple screens workstations

Network Video Recorder

Nas / San

Main Excalibur Server

Access devices
(panels, cards readers...)

TRUEN

Panasonic

AXIS

SONY

PELCO

Arecont Vision

computar

DynSa

ACTi
Connecting Vision

Some major cameras manufacturers :

- Axis
- Acti
- Samsung
- Mobotix

- Truen
- CBC
- Infinova
- Samsung

- Arecont
- Sony
- Sanyo
- Stardot

- HikVision
- Pelco
- Jvc
- Panasonic...

Access control | CCTV | **technical and security alarm** | Supervision

Technical and security alarm

6 states alarm points :
- Armed
- Disarmed
- Tamper
- Failure
- Alarm
- Normal

Serveur ExcaliburVision

IP network or RS-485

Rs-232

Up to 2048 alarm input per location

Outdoor detection by numeric IR barriers
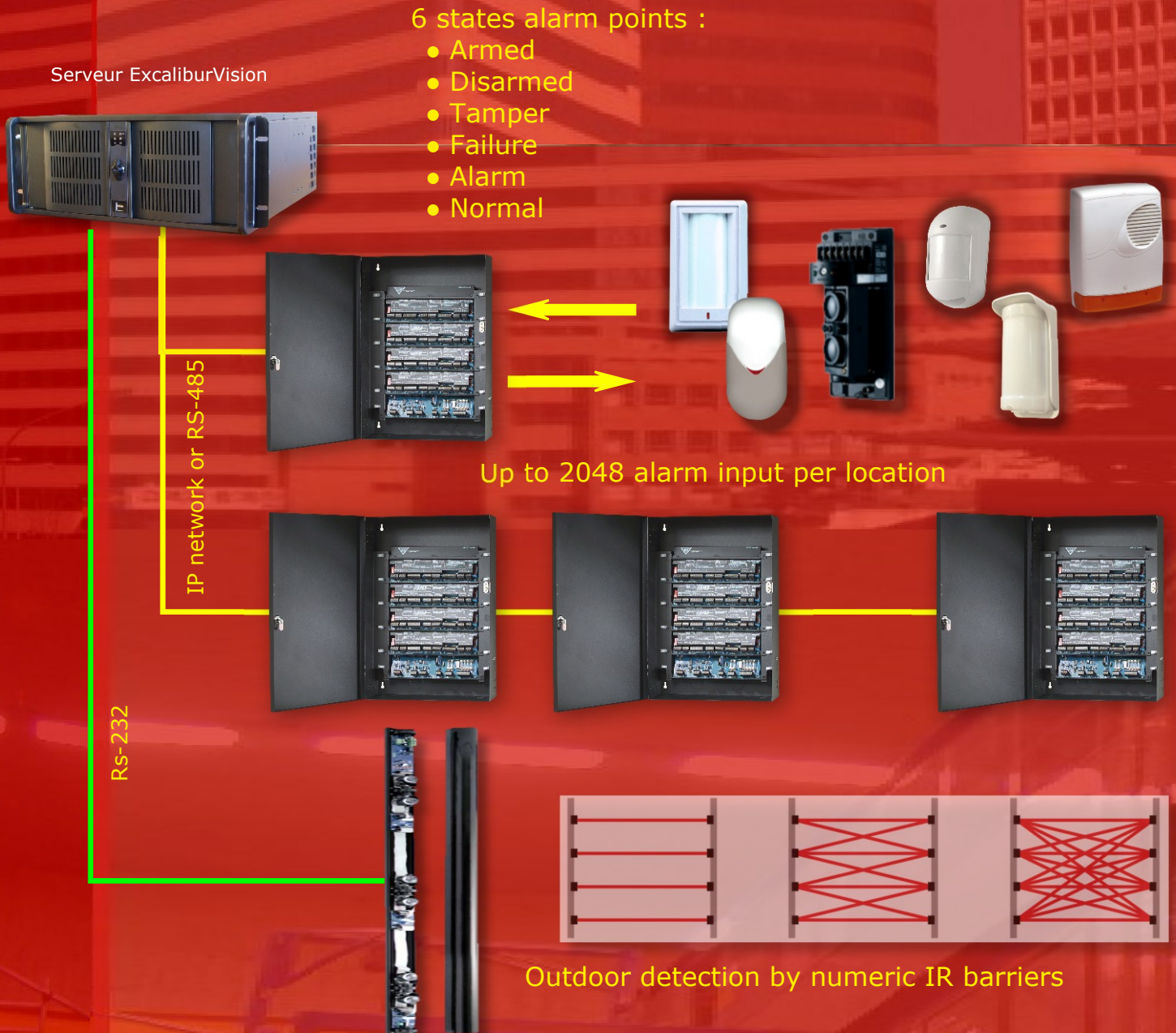
ExcaliburVision can handle up to 32 000 alarm points

These points can be grouped in thousands partitions. These partitions can be in permanent or scheduled monitoring.

These alarms can be linked to thousands of outputs, cameras, mosaic display or action messages/setpoints.

Alarm comments are also a great tool for operators.

VISION

Supervision

Hot swap server

ExcaliburVision server

Up to 990 workstations

Flood alert

Air conditioning

Power generator alert

Lighting management

Pumping station alert

Fire alert

ExcaliburVision allows to handle hundreds of external technical devices

The alerts can be recieved by Ip (Rs-232 is also available)

These alerts are managed like technical alarm points. They can be linked to thousands outputs, cameras, mosaic display or action messages/setpoints.

The operators comments are of course also available on these technical alerts.

The supervision feature require a deep project validation.

CCTV key points

- **ONVIF** and PSIA support
- RTSP support
- Multicast support
- No client workstation licence
- Audio recording
- Digital Watermarking
- Usb joystick PTZ (USB)
- « Ready to use » NVR or software licence
- LPR (Option)
- VCA (option)
- Web access by HTML-5 (Iphone, Androïd…)
- Hybrid NVR's IP + analog 16 or 32 channels
- Hybrid NVR's IP + HD-Sdi

Access control and alarm key points

- All in one software (except CCTV, Supervision and hot-swap)
- No client licence for workstation
- Up to 32 000 locations
- Up to 1280 cards readers per location
- Up to 2048 alarm points per location
- 10 bus per location
- 1 IP adress per location or per controller
- 40 000 cards per location
- 32 000 time zones
- 32 000 alarm inputs, 32 000 outputs
- 99 user fields
- 32 000 operators with 32 000 password profiles
- 32 000 dynamics maps (with CAD file support)
- 172 readers types
- 32 000 alarm messages (audio messages available also)
- 990 workstations
- Gards tours management
- « Who is in ?» report
- Backup/restore feature
- Graphic design and printing for cards
- Image recall

VISION

Some references :

ITER France
ITER Organisation
Bangor International Airport
CRAM/Carsat France
L'Oreal USA
Ericsson Corporation
BOA (West Africa government Bank)
AREA (East and Alps French motorways)
France Television
Canon USA (Cal)
Atofina (Seveso grade industry location)
Michigan State University Cyclotron Lab
TOTAL (Computing center)
Goodyear Chemical Division
IRSN Cadarache (Nuclear security regulation)
Time Warner Cable (Austin USA)
Eurocoptère NH-90 Division
Burkina Fasso Republic Presidence
Arpege Defense (Military industry)
Columbus Metropolitan Airport
CEA Cadarache France (National Nuclear research Center)
United States Coast Guard (Norfolk)
University of Nice (France)
University of Arkansas (USA)
CAF (Caisses allocations familiales) France
AOL
AON
MARTINEZ : Luxury hotels, France
Oklahoma Heart Hospital
Palais de la Mediterranee : Luxury hotels, France
CROUS
PORT DE SAINT-LOUIS : Harbour activity (France)
INRIA (National software research Center)
SNEF Electric Group
SPIE Electric Group
Suez/INEO Electric Group
Groupe Concorde (Luxury hotels)
Groupe Kone
National High school of Equipment (france)
Peychiney Alcan (Seveso grade industry location)
Ciments Lafarge
SEM (Marseille city waters)
City of Annecy
Institut Polytech Nice
SNCF
Bertin Technologie (Military industry)
CNN
Lloyd
Health Ministery Monaco
STALGO : pharmaceutical industry, France
Port autonome Marseille terminal Fruitier Harbour activity (France)
Groupe Pierres et vacances
Banque Postale (France)
Chantier naval Nantes /Saint-Nazaire (Division Yachts)

Large companies or
Government organisation

Campus and cities

Industries
and harbours

Public locations

ExcaliburVision

DSX technology inside

Luxriot technology inside

COFADIS

EIFFEL PARK - Bat D

465 rue Claude Nicolas LEDOUX

13854 AIX EN PROVENCE cedex3 **FRANCE**

Tel 33 4 42 97 62 47 Fax : 33 4 42 60 04 54

www.excalibur-system.com