ELECTRONIC
SECURITY SYSTEMS
MANUFACTURER

TIL
TECHNOLOGIES

Table of Contents

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TIL TECHNOLOGIES

TIL TECHNOLOGIES, founded 1988 in Aix-en-Provence, designs and manufactures Access Control, Intrusion Detection and Building Management Systems.

With 5000 installed sites, its solutions find their way to numerous customers (SNCF, LA POSTE, EDF, AXA, NAVAL GROUP...) and in prestigious buildings such as the Tour First in La Défense, the new Vélodrome stadium or The Château de Versailles…

TIL TECHNOLOGIES is established everywhere in France, with agencies in the Paris region and Nantes and sales representatives in Lyon, Toulouse, Bordeaux and Strasbourg.

In 2014, TIL TECHNOLOGIES joined the company SORHEA, French leader in perimeter detection for sensitive sites, to form the ST GROUP, today VITAPROTECH GROUP.
This agreement represents an important step in the development of the company.

With a turnover of nearly € 50 million, VITAPROTECH is a significant European alliance capable of conquer international markets that are increasingly demanding for integrated systems.

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Our business: Flawless security

TIL TECHNOLOGIES has always placed invention and responsiveness at the center of its strategy, so as to enrich the range of security solutions through the continual addition of new features.
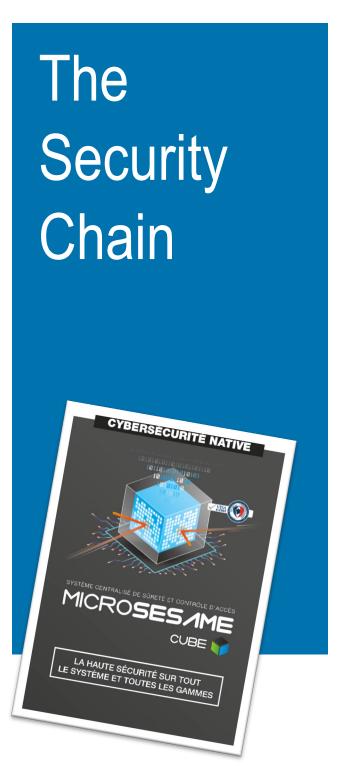
TIL TECHNOLOGIES' investment in these matters has allowed it to design and produce a new generation of dependable readers, which aim to fit customers' expectations perfectly.

Its investment in research, development and innovation will allow the company to position its activities around a range of reliable, ergonomic products that abide by the principles of sustainable development.

In 2019, TIL TECHNOLOGIES has got the Qualification by the ANSSI, attesting the high security level and robustness of our products.

With the ANSSI Certification First Level of Security, it provides you with a guarantee that is solutions is recommended by the State and used by French government authorities, operators of vital importance and companies that operate within the most sensitive sectors.

The Security Chain

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Datasheet

Company Name :	SAS TIL TECHNOLOGIES
Workforce 2023 :	90 persons
President :	Eric THORD
General Manager :	Denis CASTANET
R&D Director :	Lionel BREMOND
Sales Director :	Patrice BARBERA

Head office :

Aix-en-Provence (13)
Parc du Golf - Bât 43
350, rue de la Lauzière – CS 60481
13592 Aix-en-Provence Cedex 3
+33 (0)4 42 37 11 77
+33 (0)4 42 24 28 98

Production Unit :

Aix-en-Provence (13)
685 rue Georges Claude
13090 Aix-en-Provence
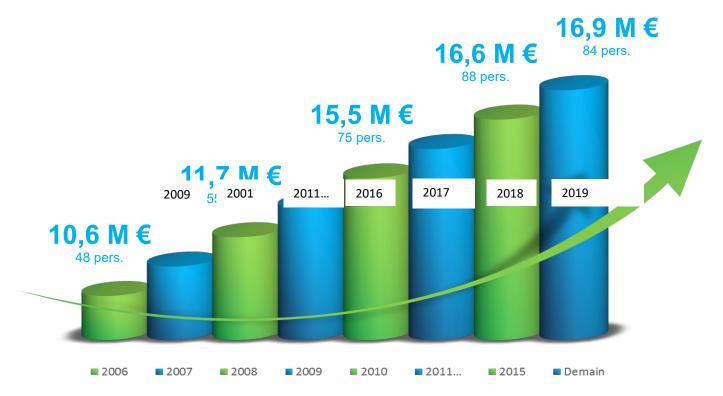+33 (0)4 42 37 11 77
+33 (0)4 42 24 28 98

Paris Office :

Champs-sur-Marne (77)
Parc de la Haute Maison
4 allée Képler - CS50291
77420 Champs-sur-Marne
+33 (0)1 60 93 93 50
+33 (0)1 60 93 93 49

German Office :

Rüsselsheim am Main (D)
Eisenstraße 2-4
Haus 3
65428 Rüsseilsheim
+49 (0)6142 481 0066

10,6 M € 48 pers.
11,7 M € 5... pers.
15,5 M € 75 pers.
16,6 M € 88 pers.
16,9 M € 84 pers.

2009 2001 2011... 2016 2017 2018 2019

■ 2006 ■ 2007 ■ 2008 ■ 2009 ■ 2010 ■ 2011... ■ 2015 ■ Demain

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Organisation

The sales team

The TIL TECHNOLOGIES sales team has a presence across France and abroad.

The company actively nurtures a network of authorised partners, who have over 3000 trained technicians.
The network extends throughout France and its overseas departements, and has an international presence – in particular with partners in North Africa, and in French-speaking Africa.

TIL partners can install and configure our solutions, bring them into service and maintain them. However the affiliation is not exclusive and the openness of TIL products means any installer can deploy them.

The production unit

This facility integrates, amongst many more, new product testing equipments and a « high security » zone for creating and storing customer data and badges.

Technical support

The technical support team is formed by 10 technicians, ready to help both our partners and users.
They provide technical support and assistance during installation as well as after-sales service.

Training services

The Aix-en-Provence and Paris training centers provide instruction at different levels and can host up to 10 trainees per session, with 10 working models.
Every year, more than 50 training sessions are organized with over 300 people trained.

In the headquarters and in the Paris office, you will find showrooms with the latest trends in identification technologies (biometrics, car plate readers….).

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TIL and its forward-looking choices

Research and Development

Research and Development represents 30% of TIL TECHNOLOGIES staff. It breaks down into two branches: hardware and software development. In terms of investments, nearly 10% of turnover has been reinvested in 2022.

International Electrotechnical Commission

Laurent ROUYER, Expert in TIL solutions, is a member and official expert of the IEC ; which contributed in the development of the first global standard for access control.

The quality

TIL TECHNOLOGIES and SORHEA, two VITAPROTECH Group companies, are among the first French companies to obtain ISO 9001:2015 and
ISO 45001:2019 certifications.

ISO 9001 encourages 3 strong points of the TIL TECHNOLOGIES' management :
- Improve customer understanding
- Manage the communication between the different company's departments
- To provide the tools for a better efficiency of all TIL's contributors

Trough the ISO 45001, TIL is engaged to provides a safe and healthy workplace by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance and listening its employees interests.

Sustainable development

Since the Environment Round Table, sustainable development has become a decisive issue for all players, whether public or private contractors, businesses or clients, engineering departments or building managers.
So it makes sense that TIL TECHNOLOGIES has subscribed to the UN's Global Compact since 2004, promising to abide by its 10 principles of sustainable development.

The company puts this into practice by designing products for low energy use, improving products' service lives, decreasing the use of toxic products, proposing fewer batteries and encouraging their engineers to imagine new solutions (self-contained products powered by solar cells, for instance).

Un projet social Responsable

TIL TECHNOLOGIES meets the criteria for the Empl'itude label in 2020 and attests to its commitment to Social Responsibility along three lines:

- Actions promoting access to employment and professional integration
- Actions relating to the recruitment, integration and career development of employees
- Actions guaranteeing the sustainability of the approach and the sharing of good practices

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Positioning and Technological choices

Relying on durable equipment

In a sustainable security approach, TIL is based on standards that guarantee the durability of installed systems, but also their ability to evolve over time.

- IP and RS485 bus network architecture
- Upward compatibility of PLCs and specialised modules

- Server virtualisation and redundancy
- Thin client workstations
- Latest Windows and SQL compatibilities

Simple and ergonomic operation

TIL products have been designed to optimise the user experience, with the best and easiest tools to use

- Intuitive graphical interfaces
- Precise customised right management
- Automatic synchronisation with the other company databases
- Numerous functions available in web interface for an open access

to other users of the company (visitor management, room reservations...)
- Compatibility with touchscreens, portable solutions (MOBILIS portable readers)

Open and integrated

By integrating SDK and standard protocols (Modbus, OPC), MICRO-SESAME can monitor the whole technical equipment of a building

- Video surveillance systems
- IP intercom
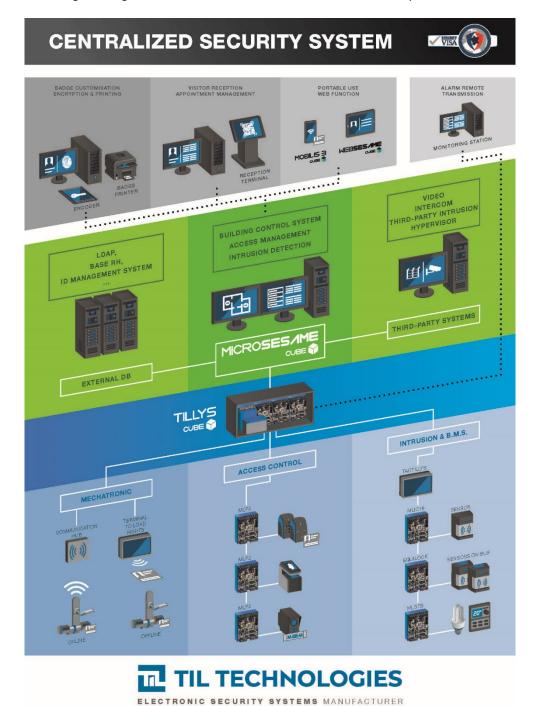- Intrusion detectors

- Programmable automated systems…

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Product range

Architecture of TIL TECHNOLOGIES

MICRO-SESAME is an integrated Security System, which provides access control, intrusion detection, video supervision and technical building management.

The system has a software part and a hardware range for the acquisition and control of electronic equipment (readers, radars, locks, etc.).

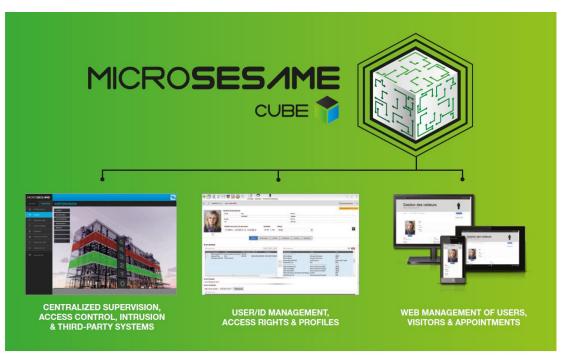SECURITY SYSTEMS

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MICRO-SESAME Software suite

MICRO-SESAME allows to centralize all electronic building information. The control of the various functions through a common graphical interface makes operations much easier and the interventions more efficient.

Since the interactions between the different systems can be fully automated (event actions), the speed of processing is also guaranteed.

station with servo drives and history. In addition, most recorders, matrices and video multiplexers on the market can also be interfaced.

CENTRALIZED SUPERVISION, ACCESS CONTROL, INTRUSION & THIRD-PARTY SYSTEMS

USER/ID MANAGEMENT, ACCESS RIGHTS & PROFILES

WEB MANAGEMENT OF USERS, VISITORS & APPOINTMENTS

MULTI-SITE OR MULTI-TENANT MANAGEMENT

SYNCHRONIZATION WITH THIRD-PARTY DB & SOFTWARE

NATIVE INTEGRATION WITH OTHER SECURITY SYSTEMS

INSTRUCTIONS, ACQUITTALS & PROCESSES EMAILS

HISTORY, SEARCHES & REPORTS

Dedicated features

HIGH SECURITY

> Secure badge encoding
> Anti passback and mantrap
> Video access control
> Enhanced control and duress code
> Blacklist Monitoring
> Traceability of operator actions

PROTECTION OF PERSONS

> Zone management & counting
> Professional entitlements control
> Emergency plan assistance
> Crisis level management
> Respect for rest time
> Quarantine Management

ADVANCED OPERATION

> Badges customizing
> Dematerialized IDs
> Round Trips management
> Mobile Controls
> Elevator management
> Inter-system automation

The range of electronic modules TILLYS NG

TILLYS is a multifunctional safety control unit. Through specialized extension modules, it enables the acquisition and control of all electronic sensors in a building.

In 2017, TIL TECHNOLOGIES is launching a new generation of control units and modules, more powerful, more flexible and more secure:

CUBE HARDWARE SUITE

TILLYS CUBE
Intrusion functions
access control
& BMS

MULTI-FUNCTION CONTROL UNIT

3 RS485 encrypted buses

24 access control readers (8 per bus)

Up to 600 000 access control IDs

128 weekly time schedules

Up to 256 inputs or 128 outputs per bus

32 alarm groups

24 operating keyboards (8 per bus)

SPECIALIZED MODULES

TACTILLYS CUBE : Intrusion operation
Touchscreen keypad

MLP2 CUBE : Access control
2 transparent readers

MLIO16 CUBE : Intrusion detection & BMS
16 configurable inputs/Outputs

EQUILOCK CUBE: Intrusion detection
64 sensors per bus

MLR8 CUBE : 8 relay outpout extension

The TILLYS CUBE control unit is compatible with the specialised modules of the previous generation.
It is possible to mix old and new generation buses on the same TILLYS CUBE control unit.

Badge readers, portable reader, biometrics, key cabinets...

MICRO-SESAME is compatible with all identification technologies such as RFID badge readers, keyboards, biometric readers, electronic cylinders and crutches, QR code reader, license plate readers, key cabinets and more…

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EVOLUTION
Transparent and multi-technology reader, Bluetooth, Biometrics, Keyboard, QR-Code

MOBILIS 3
RFID and QR code portable reader

SIGNO
Transparent and multi-technology reader

MICROPAK
Vehicle plate reader

SPECTRE
UHF long-distance reader

MORPHOWAVE
Biometric contactless reader

APERIO
Wireless cylinders and escutcheons (online or offline)

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TIL is installed in iconic places

Transport and logistics sites

Ports and logistics platforms are places where the safety of people and traffic flows need to be optimised.

- SNCF – over 500 stations and sites.
- La Poste (mail processing centres and coliposte centres)
- Chronopost
- Grand Port Maritime de Marseille (GPMM)
- Grand Port Maritime du Havre (GPMH)
- Port Autonome of Paris
- Port of Cherbourg

Museums, shops and leisure activities

Whether it is because they house a valuable cultural heritage (museums) or because they receive a large number of visitors (stadiums, leisure establishments and shopping centres), places open to the public have to deal with a multitude of risks: theft, malicious acts and damage, crowd movements, etc., right up to the terrorist threat.

- Château de Versailles
- Musée d'Orsay
- Royal Museums of Fine Arts – Bruxelles
- Stade Vélodrome – Marseille
- Allianz Riviera Stadium – Nice
- Ataturk Olympic Stadium– Istanbul
- Parc Asterix – Plailly
- Palais des Congrés ACROPOLIS – Nice
- Nice Etoile Shopping Centre
- METRO Shops
- Hôtel Georges V – Paris
- Country Club de Monaco
- Casino Barrière – La Baule

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DGAC : Directorate General of Civil Aviation

Airport platforms or strategic DGAC sites with a gateway to national STITCH badge databases.

- Athis Mons site
- Paris Orly Airport
- Bastia Airport
- Grenoble Airport
- Montpellier Airport
- Rennes Airport
- Cairo Airport
- Brest Airport
- Nice Airport
- Nantes Airport
- Guadeloupe Airport
- Roissy-CDG control tower

Tertiary towers

Whether they are high-rise buildings, multi-tenant business centres or HQE (High Environmental Quality) buildings, certain issues are recurrent: the large number of zones and offices to be controlled, the large flows to be handled (employees, visitors, vehicles, lifts, etc.) and the energy expenditure to be limited.

- Tertiary headquarters (SFR, FDJ, OECD, MERCEDES, SNCF)
- First Ernst&Young Tower– La Défense
- CMA-CGM Tower– Marseille
- OXYGENE Tower– Lyon
- Green Office – Meudon
- Copernic – Noisy le Grand

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Local authorities, administrations and universities

- Ministries (Finance, Interior, Health, Justice)
- Prefectures (Rennes, Guadeloupe)
- Cities (Nice, Marseille, Dijon, Grenoble, Antony, La Rochelle)
- Town halls (Lille, Bruxelles, Montpellier)
- General Councils (Bouches du Rhône, Bas-Rhin, Alpes Maritimes, Calvados)
- Parliament of Brittany
- Universities (Pierre et Marie Curie – Paris, Bordeaux I, Paris Sud)
- Institut National Polytechnique de Grenoble
- Business Schools (ESSEC, HEC, IESEG)

Banking sector

TIL is a supplier to the major national banks and the Banque de France for various types of banking applications:

- More than 100 Caisse d'Épargne branches
- Crédit Agricole
- Crédit Mutuel
- Crédit du Nord
- Société Générale
- BNP Paribas
- Banque Travelex
- Banque Commerciale du Burkina
- Banque BIAT (Tunisia)
- Banque BNI (Ivory Coast)

Datacenters

Through its highly secure solutions and its ANSSI qualification, TIL can meet all the needs of these sensitive sites:

- EQUINIX DATACENTER - Pantin
- TERRENA - Angers
- DS SMITH DATACENTER - Kaysersberg
- DATACENTER COEUR MARAIS - Paris
- DATACENTER VILLE DE MARSEILLE - Marseille
- DATACENTER SIEGE CREDIT AGRICOLE - Paris

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Industry

TIL systems are used on many industrial sites where special security procedures are implemented: SEVESO regulations, management of professional authorisations, internal organisation plans, etc.

- GARNIER
- ARCELORMITAL
- DASSAULT
- L'OREAL
- COCA COLA
- NESTLÉ
- SAINT GOBAIN
- SANOFI AVENTIS
- ST MICROELECTRONICS
- TEFAL
- TOTAL
- AREVA
- CARBONE LORRAINE
- SHELL

Sensitive sites and OIV

TIL systems are used on the most sensitive sites in France due to their size and the nature of their activity:

- EDF (customer agencies, production centres, Nuclear Park Engineering Centre (CIPN)
- NAVAL GROUP
- CEA – Fontenay
- Air Force and Army
- Mérignac, Paris and Cazeaux air bases
- Courts (Marseille, Perpignan, Metz, Narbonne)
- Ministry of the Interior
- Gendarmeries
- Detention centres and prisons

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Hospitals, health and research centres

Health establishments have a particular need due to their nature, which requires them to receive large numbers of people and to ensure an optimised flow via their various access points.

- Hospital – Aix en Provence
- Hospital – Arles
- Hospital Joffre – Perpignan
- Hospital St Joseph – Marseille
- Hospital Pontchaillou – Rennes
- Hospital Universitaire – Strasbourg
- Hospital Saint Luc – Lyon
- Hospital Pellegrin – Bordeaux
- SHE La Pitié Salpetrière – Paris (biométrie)
- Hospital Beaumont sur Oise
- Hospital de Montreuil
- Hospital de Dieppe
- Hospital de Beauvais
- Hospital – Grenoble
- INRA – Clermont Ferrand
- DRAGER MEDICAL – Antony
- Laboratoires LILLY – Suresnes
- THERAMEX – Monaco
- GANIL – Caen
- SANOFI AVENTIS – Montpellier, Casablanca, Avignon
- ARKOPHARMA
- USINE FABRE
- BOIRON – Ste-Foy-Les-Lyon