

# SERVICES CATALOG

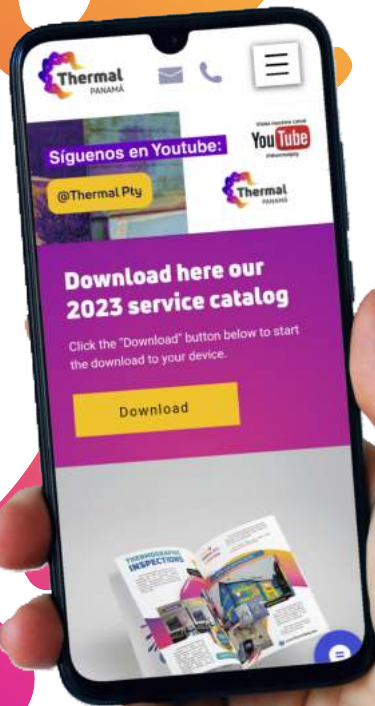
## DAMAGE DIAGNOSIS

Thermography  
Ultrasound  
Borescopy



6678-8533

[WWW.THERMALPTY.COM](http://WWW.THERMALPTY.COM)



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THERMOGRAPHY

+



ULTRASOUND

+



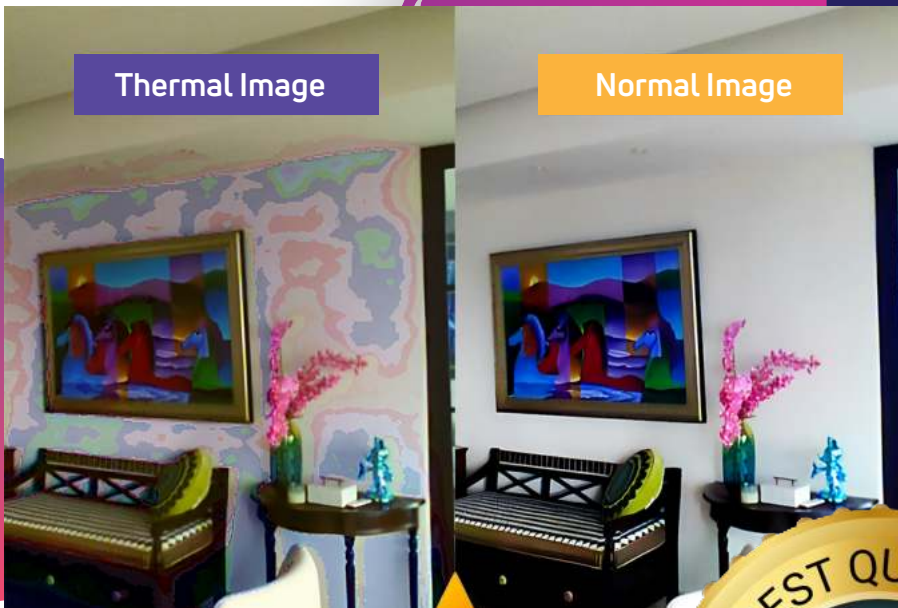
BORESCOPY

# THERMOGRAPHIC INSPECTIONS

Our thermographic inspection service provides you with the diagnosis and identification of structural damage through thermographic analysis of surfaces, allowing us to locate damage that in most cases is imperceptible to the human eye.



**SERVICE LEADER  
IN PANAMÁ**



**GUARANTEED SERVICE**

The thermographic analysis of structures is based on the interpretation of thermal images, which allows us to carry out inspections explaining the damage through the interpretation of temperature patterns, this technique allows us to provide a guaranteed service for the detection of damage caused by humidity.

# ISSUES + THERMAL PTY = SOLUTIONS

Thermographic inspections are the leading service for identifying water leaks, from experience we know that water leaks in structures are often hidden.

Our service helps you locate them promptly to put an end to them.

## WATER LEAK IDENTIFICATION



SHOWER FAUCET DAMAGE



There are many important uses that this service has in different areas and problems, such as the evaluation of air leaks in cold rooms or the identification of gas leaks.

We invite you to visit our website and discover everything we can offer you.



[www.Thermalpty.com](http://www.Thermalpty.com)

# ULTRASOUND INSPECTIONS

INSPECTIONS  
LEAK  
UNDERGROUND



Our underground leak identification service provides our clients with the location of water leaks in underground pipes up to 15 feet deep, through radio frequency data generation.

We have the technology to pre-locate leak points with high definition ultrasound listening systems.

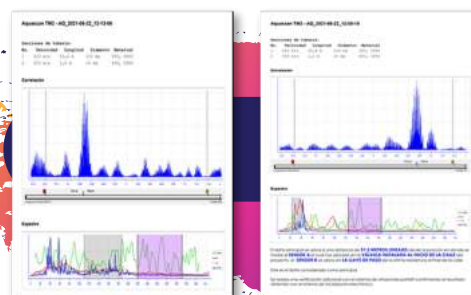
**SOLUTIONS +  
SUCCESS  
= THERMAL PTY**

The use of **Correlation Technology** allows us to accurately locate the origin of the damage, facilitating repair work by going to the site of the damage in a timely manner.

It is very important to know the layout of the pipe as the location will be based on this variable.

## TECHNICAL REPORT

Once the inspection is done, you will receive a technical report detailing in a timely manner the location of the damage to carry out the repairs, thus limiting the work area and controlling the costs generated by the repair.



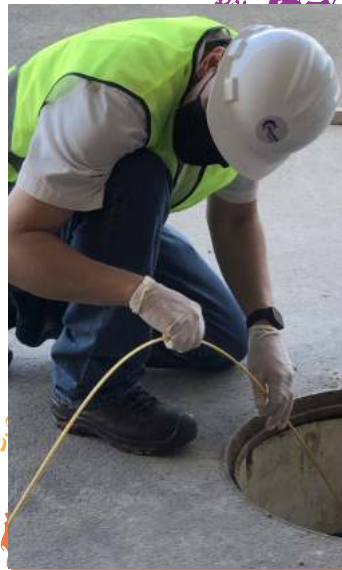
# BORESCOPIC INSPECTION

INSPECTIONS  
INTERNAL  
OF PIPES

The line camera or bore-scope camera is an optical tool where one of its greatest uses is that it allows us to inspect drainage pipes, storm pipes, drainage and sewage systems and even the evaluation of turbines and other mechanical equipment. .

This technology consists of a mini-camera capable of inspecting areas that are difficult to access and limited to human sight, showing its characteristics on a screen, which is stored in a memory for later consultation.

If your problem is inside a pipe, but you don't know where exactly the damage is, our technology allows us to identify the point of damage by indicating the exact position and depth.



**AT THE MOMENT  
WE HAVE**

**50  
METERS**

During the inspection process you will be able to see the path of the camera, allowing to visually identify obstructions, internal faults and damage suffered by the

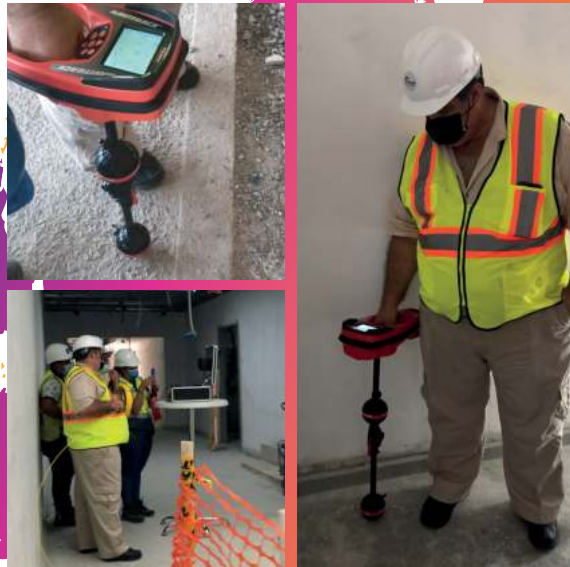
structure that otherwise could not be identified. This system is undoubtedly an essential inspection tool.

# PIPE LAYOUTS IDENTIFY

LOCATION  
OF PATHS  
UNDERGROUND

We offer the location and layout of underground pipes to be able to identify their route, this applies for the moment to drainage pipes with a diameter greater than 1/2 inch.

## LOCATION FROM THE SURFACE



The pipe tracing service works by jointly using the borescope camera and locator equipment (NaviTrack), which tracks the exact position of the camera and its path from the surface.

We generate a mapping of the route which will be indicated and marked for your convenience.

**TOUR RECORDING**

The information provided will include the recording of the camera path, the direction and orientation of the pipe as well as the depth in which it is installed.

LOCATION  
OF OBJECTS INSIDE  
OF WALLS AND FLOORS

# WALL SCANNER



A service oriented to solve a big problem that exists in construction; know the exact location where pipes, tension cables, post-tensioned cables, electrical branches pass, among other objects that cannot be seen with the naked eye since they are inside walls or floors.



With our technology we will not only be able to identify what type of pipe is in the wall, but also the material and if it includes electricity or not.

**A QUALITY SERVICE?  
ONLY WITH THERMAL**

## MATERIALS THAT CAN BE FOUND:



Iron / Metal



Plastic



Electrical wiring



Pipelines



**DEPTH  
BY DRILL**

We will also tell you the depth at which the objects are, with this you will be able to know how far you can drill into the wall without damaging the pipe.



# THE TESTIMONIALS OF OUR CLIENTS

They are our greatest  
satisfaction.

*"We have hired the thermal service for a pipe inspection, it was excellent, I recommend them with all confidence"*

**Karina Salvadore**  
Client

*"We recommend the thermal company, they helped us find a leak in PH Paradise City, for this reason I recommend them 100%"*

**Dayana Mendoza**  
Client



*"We are very satisfied with the services of thermal panama, we have found the solution to our problems in PH Atlantic Plaza, thank you"*

**Eliana Carvajal**  
Client

*"We contracted the services of the thermal pty company to carry out a thermography study throughout the building and we are very satisfied with the service"*

**Ph Amador Hill**  
Client

*"The inspection has been very accurate, the thermal service is excellent, I totally recommend them, there are no words to identify everything we have seen"*

**Christian Campos**  
Client

*"The thermal company has helped me with an inspection prior to my rental contract, now it gives me more peace of mind because I know what type of apartment I will be occupying"*

**Sophia Ortega**  
Client

*"We have done work on recognition and thermography, as well as borescopy, in which the results have been successful for our wishes"*

**Rolando Barragan**  
Client



# CONTACT

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## PAYMENT METHODS



Credit cards and  
Clave system



Yappy of  
Banco General



Banking transfers  
(ACH)