



**mantel**  
Engineering





# BROCHURE

MANTEL



# ABOUT MANTEL

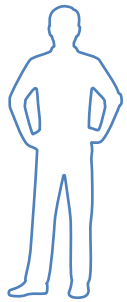
Colombian capital company with  
more than 20 years of  
experience in the energy,  
technology and  
telecommunications sectors.

Miembros de:



# WE ARE WITH YOU

From the design to the start-up of your projects



Our team is focused on adding value in each stage of the project.



We provide high quality engineering services.

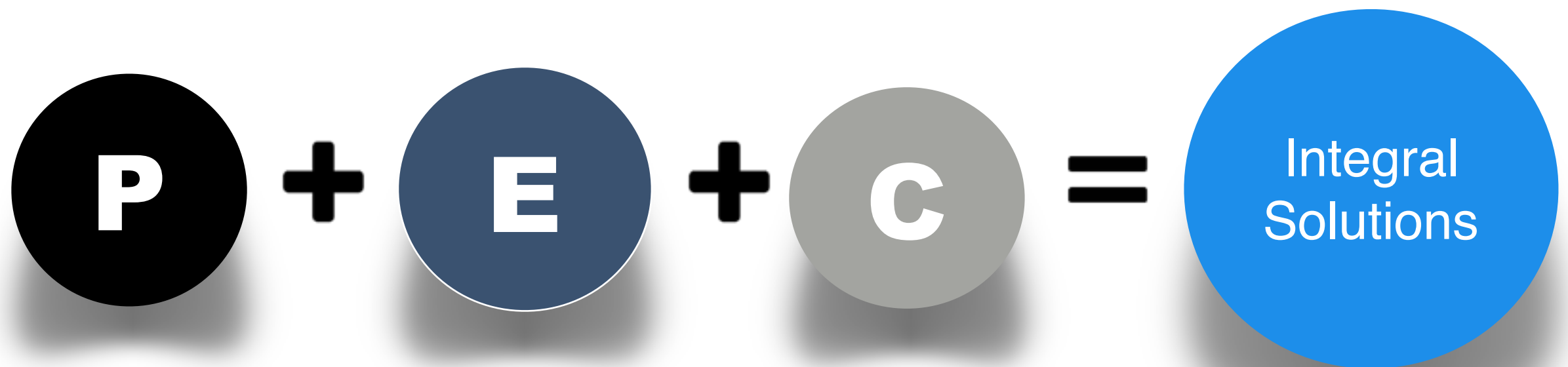


Our commitment is to provide integral engineering solutions that come true in the term and budget assigned.





## DESIGN, CONSTRUCTION AND MAINTENANCE SERVICES



PROCUREMENT

ENGINEERING

CONSTRUCTION

CONTROL AND MONITORING

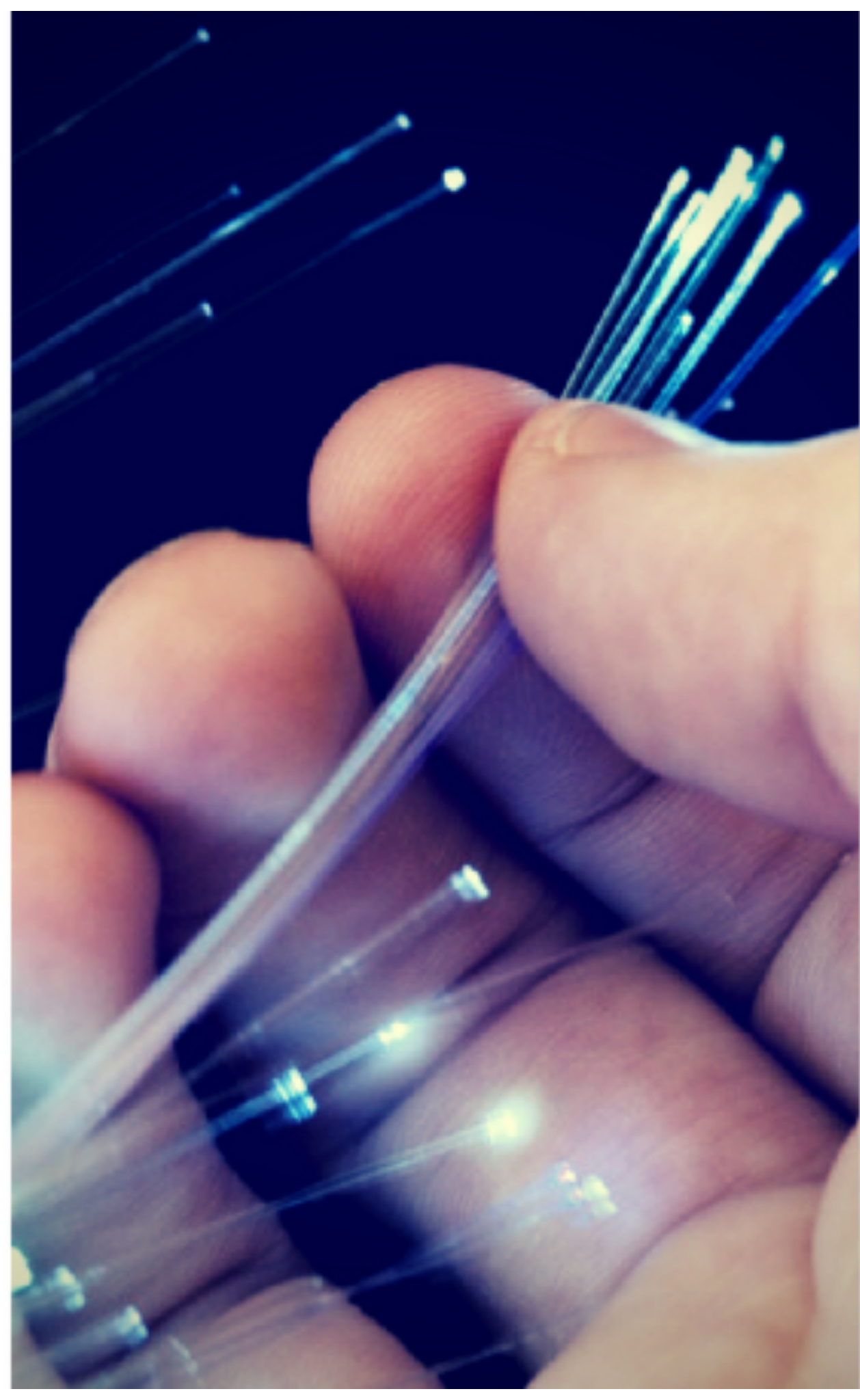




# SERVICES

- ✓ Fiber Optic Networks
  - Design, Installation
  - Maintenance
  - Emergencies
  - Tests
  - System eScada
  - Inside Plant
  - Outside Plant
    - Duct system or
    - Aerial system.

INTEGRAL SOLUTIONS







- ✓ Structured Cabling Systems for commercial and industrial buildings ANSI TIA EIA 568 B2.

Regulated energy systems.

- ✓ Electronic Security Systems CCTV IP and analog

Design  
Supply  
Maintenance





✓ Access control  
system

Standard  
Biometric



FLEXIBILITY

✓ Radio systems

Interference  
studies  
Frequency plans

✓ Detection Systems and  
fire Extinguishing by  
early detection and  
conventional detection

QUALITY





✓ Electrical reliability studies

Resistivity and R  
Physical grounds  
SPT  
Peak Suppressors

✓ Civil works

Structural designs  
Study of floors  
Duct banks

RELIABILITY



# SUPPLY

## Our Allies



CORNING



PELCO



3M



LEONI

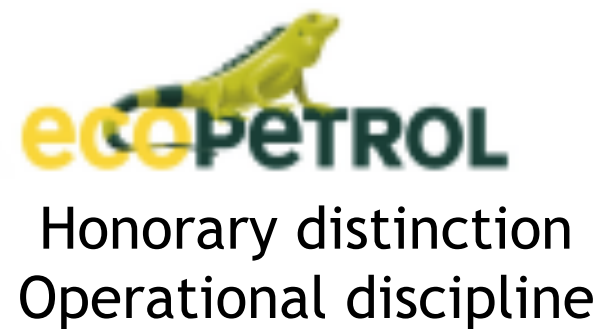
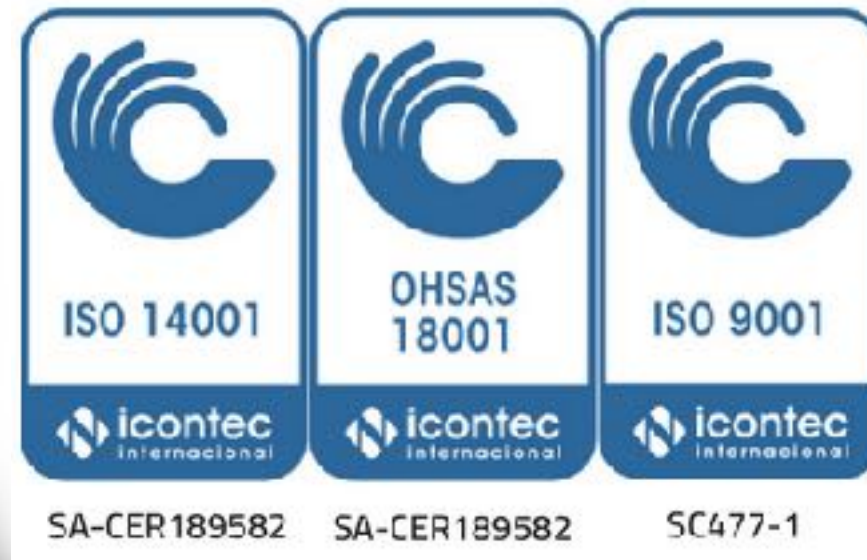




# Some of our customers



# Our certifications and recognitions



Integrator and marketer of  
Redline Solutions certified







Mantel Group LLC  
15280 Addison Rd. #120  
Addison, Texas 75001  
[www.mantelltda.com](http://www.mantelltda.com)

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Mantel Ltda.  
Transversal 22 # 87 11  
Bucaramanga, Santander  
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