



**ARMUNDIA GROUP**  
WORLDWIDE SOFTWARE SOLUTIONS

**10**  
SINCE 2007  
TRULY NEW  
TRULY DIFFERENT

DLT in the parametric insurance  
world

Roma Maggio 2018

Claudio Rosati



CHI SIAMO

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SINCE 2007  
TRULY NEW  
TRULY DIFFERENT

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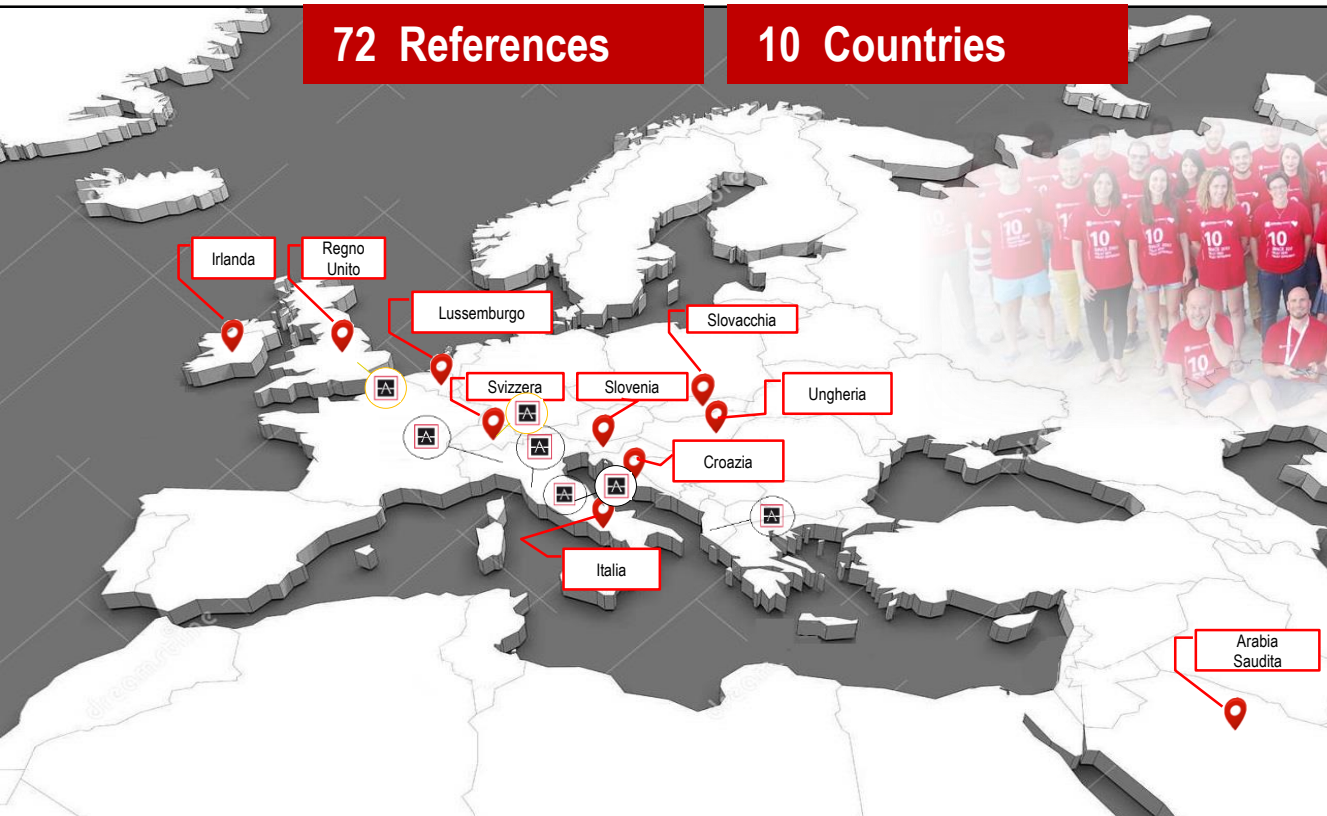


# ARMUNDIA TODAY

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**72 References**

**10 Countries**



**100** employees

**4** divisions

**5** headquarters

**2** controlled company



## SOME OF OUR CUSTOMERES

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INTESA  SANPAOLO  INTESA SANPAOLO  
PRIVATE BANK SUISE



 INTESA SANPAOLO  
PRIVATE BANKING

 INTESA SANPAOLO  
BANK LUXEMBOURG

 VUB BANKA  BANKA KOPER  
 PRIVREDNA BANKA ZAGREB  CIB BANK



Banca Federiciana s.p.a.



BANCA  
DI CREDITO COOPERATIVO  
DI CAMBIANO

 FIDEURAM  
Investimenti

Al Rajhi Bank مصرف الراجحي



Gruppo bancario Iccrea



BANCA  
DI CREDITO COOPERATIVO  
DI FORNACETTE

 Axion

SWISS Bank

ARNER  
BANK



FIDEURAM  
INVESTIMENTI



BANCA  
DI CREDITO COOPERATIVO  
DI CASTAGNETO CARDUCCI



BPS (SUISSE)



FIDEURAM  
ASSET MANAGEMENT IRELAND



BANCA POPOLARE  
del CASSINATE



Invest Banca



FIDEURAM  
BANK LUXEMBOURG



Banca di Viterbo  
Credito Cooperativo



PRÉVIRA INVEST  
Società di intermediazione mobiliare S.p.A.



MARSH & McLENNAN  
COMPANIES

CATTOLICA  
ASSICURAZIONI  
DAL 1890



ARENA BROKER  
BROKER DI ASSICURAZIONE

AEC®  
UNDERWRITING



BANCA REALE  
GRUPPO REALE MUTUA





# Armundia Group and L'Aquila

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## Development & competence center

- Research & development
- Training



... an operative branch in the hearth of L'Aquila (*palazzo Natellis*)





# WHAT WE DO

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**ARMUNDIA BANKING & FINANCE**  
WORLDWIDE SOFTWARE SOLUTIONS



**ARMUNDIA INSURANCE**  
WORLDWIDE SOFTWARE SOLUTIONS



**ARMUNDIA CONSULTING**  
WORLDWIDE SOFTWARE SOLUTIONS



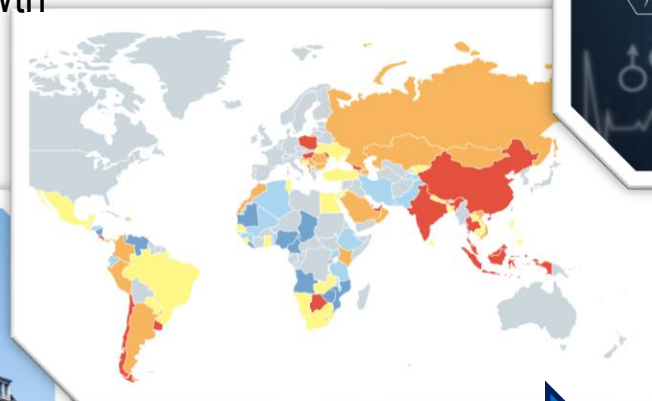


# FOCUS on insurance - an ever young industry

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The insurance industry is facing a big growth trend:

- Stronger link with the banking & finance markets
- Emerging markets growth
- Insurtech advent



BIGGER MARKET/BIGGER  
PROBLEMS

- Multiple parties share data
- Multiple parties update data
- Requirement for verification
- Intermediaries add cost and complexity
- Interactions are time sensitive
- Transaction interaction





# FOCUS on parametric insurance

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“Unlike traditional insurance where assets are insured, Parametric Insurance insures parameters also known as indices”







# Parametric Insurance requirements



## TRIGGER

- Natural event (rain, snow, climate change...)
- Economic event (market change, value of assets change, crisis...)
- Real life events (diseases, death, birth...)
- Event on «Things» (IoT linked events)

## MEASURE

- The trigger should be fired based on a shared measure.
- The measure should be trusted by the parties
- The measure source should be reliable and accessible on the life of the policy
- Open statistics on the measure

## AUTOMATION

- The process should be automated.
- Trust on the technology and the owner of the process.



# a solution - DLT & Smart Contracts

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## BENEFITS

- Autonomous
- Secured
- Cost effective
- Trustless
- Interruption free
- Accurate, Always
- Fast performance

## CONTRACT LIFE CYCLE





# Real World Examples

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AXA FIZZY - <https://fizzy.axa.it/>



## METLIFE VITANA





We are starting a new r&d pipeline on:

- DLT (Blockchain based)
- Smart Contracts
- Parametric insurance market

Ethereum as the base smart contract  
thechnology

## NEXT STEPS

- Prototype of a simple «working» smart contract with the SOLIDITY language;
- Prototype of a «parametric insurance» use case;

## PRIVATE DLT ?





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