



*Flycomm*

**Flycomm:** The AI-powered Mobile Network Platform

Transforming Telecom Network Planning, Optimization & Management

[www.flycomm.co](http://www.flycomm.co)

# An AI-powered Mobile Network Management Platform



Through advanced machine learning algorithms, we unlock unprecedented network insights, enabling telecom operators to optimize infrastructure, maximize revenue, and reduce operational costs.





# Management Team

Led by **Network, Algorithm & Business** experts



Moshe Meitar Lugasi

CEO

- ◆ Former IAF officer
- ◆ Founder & Ex-CEO FlyTech acquired by (TASE: ARDM)
- ◆ B.A with honours



Arie Lugasi

CTO

- ◆ Telecommunications Eng. (Motorola, IAI)
- ◆ International expertise in multiple technologies
- ◆ RF sys. architect



Yehuda Kohn

CRO

- ◆ 20+ year track record of driving global sales, business development and partnerships, expanding market share while increasing profits
- ◆ B.S. Business and Marketing



Gershon Gutmer

CSO

- ◆ +20 Years experience in Executive BD & Strategic Partnerships positions with multiple Startups
- ◆ 2 successful exits (Net2Phone to AT&T & Koalys to WS Holding)



Joseph Golan

Chairman

- ◆ Colonel (ret)
- ◆ Ex. Senior V.P Elbit systems
- ◆ BSc , MsM



Yair Sagi (Rolly)

Advisory Board

- ◆ Deputy Director of the Shin Bet
- ◆ CEO of RIT, founder of Firefly
- ◆ BSc, MPA



Avi Berger

Advisory Board

- ◆ Director General of the Ministry of Communications
- ◆ VP of Technology at Partner
- ◆ Colonel (ret) - C4I corps



Alex Lellouche

Advisory Board

- ◆ McKinsey, Guided Major Equity firms, secured \$3B investment
- ◆ Founder & CEO of Icone
- ◆ MIT, visiting scientist
- ◆ MBA, M.Sc., Nanotech, Technion

# The Telecom Industry Challenge



Billions of Dollars Are Lost Due to:

Our world is greatly challenged & impacted by **the Lack of Visibility** of wireless communication.

Meanwhile, the world is becoming **critically dependent** on wireless communication.



Inaccurate network planning

Inefficient resource allocation

Poor visibility into real network performance

Complex multi-technology deployments (3G/4G/5G)

Increasing customer experience demands

# Unprecedented Network **Visibility**

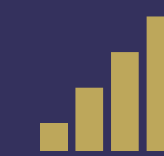


Built for Mobile Operators, Towerco's, Integrators, Smart cities,  
and Public Safety



## Real-Time Analytics

Advanced network performance monitoring and analysis



## Multi-Environment Mapping

Comprehensive coverage across all environments



## Smart Planning Tools

AI-powered optimization and resource planning



## Predictive Maintenance

Proactive system monitoring and issue prevention



## Data-Driven Decisions

Strategic investment planning backed by AI insights



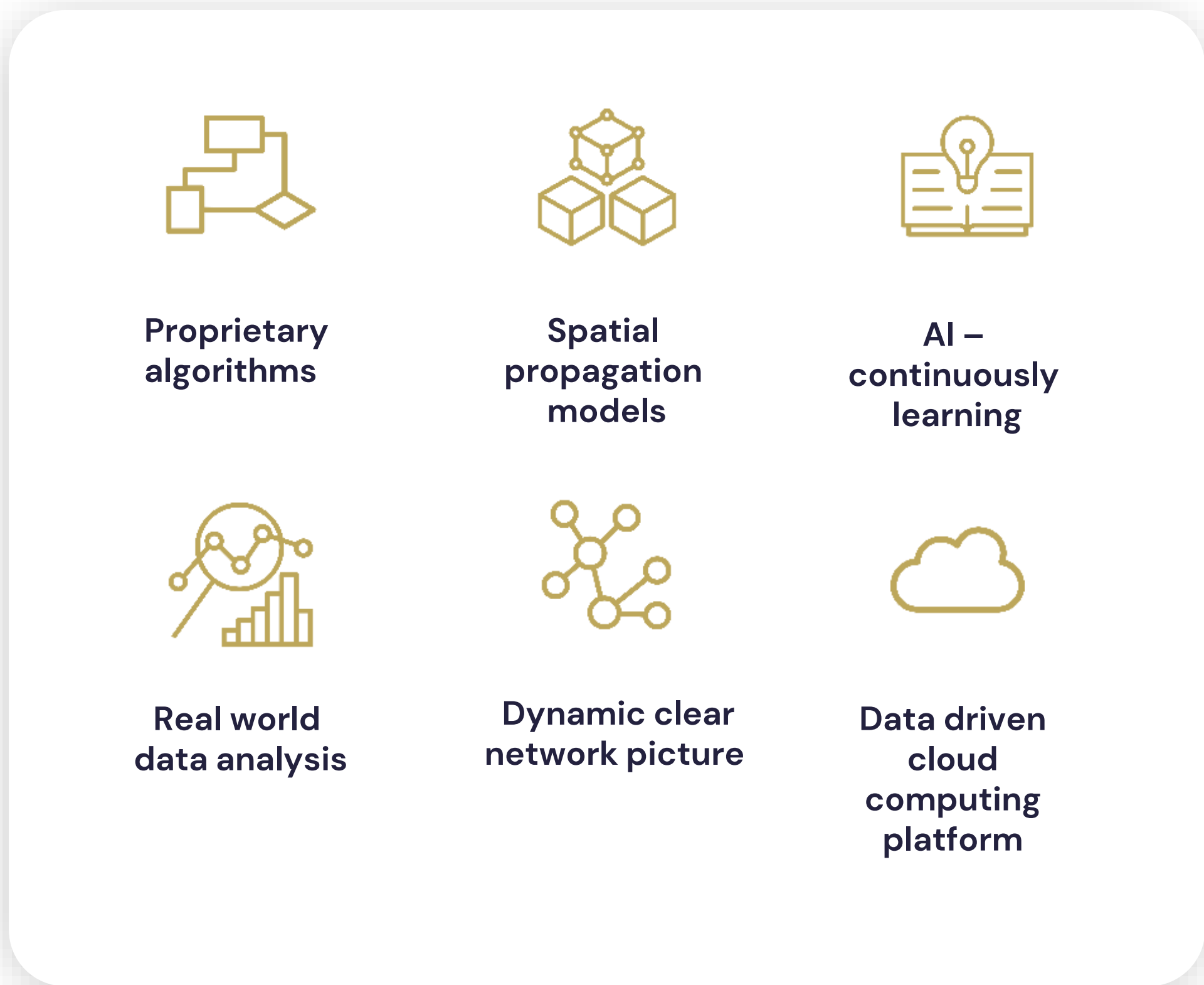
## Customer Experience

Enhanced service quality and user satisfaction



# Flycomm's Technology Enables Visibility, Managing & Planning

Through expansive data analysis and unique AI algorithms, Flycomm simplifies the planning, monitoring, and management of wireless connectivity, making communication landscapes smart and effortless.



# Proven Success Across Telecom



## Mobile Operators

**Network Optimization:**  
Enhanced performance and network optimization

**Competitive Benchmarking:**  
Real-time performance and network analysis

**Customer Experience Enhancement:**  
Superior service quality assurance

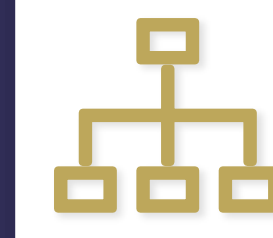


## Tower Companies

**Network optimization:**  
**Infrastructure Planning:**  
Strategic deployment optimization

**Asset Optimization:**  
Maximized Resource utilization

**Tenant Satisfaction:**  
Enhanced tenant experience and retention



## System Integrators

**Multi-network Management:**  
Unified control and monitoring

**Technology Deployment:**  
Seamless integration solutions

**Performance Verification:**  
Comprehensive quality assurance

# Use Case: Cellular Providers

Facilitating Revenue Growth and Operational Efficiency Through Enhanced Network Visibility.

Flycomm partners with leading cellular operators to analyze, optimize, and future-proof their network infrastructure. Our AI-driven platform empowers operators with continuous clear visibility to:

- ✓ **Benchmark Network Quality:** Compare performance vs competitors nationwide.
- ✓ **Optimize Assets:** Identify and utilize underperforming resources to reduce costs.
- ✓ **Enhance Customer Experience:** Pinpoint and address coverage gaps.
- ✓ **Strategic Investment Decisions:** Evaluate technologies and vendors to guide investments.
- ✓ **Optimize Connectivity:** Provide optimal service for high-value enterprise accounts.

By leveraging Flycomm's unparalleled network analytics, cellular operators can proactively enhance infrastructure, boost customer satisfaction, and strategically plan expansions to maximize ROI and market share.



# Use Case: TowerCos / Integrators

## Optimizing Tower Infrastructure and Maximizing Asset Value with Data-Driven Insights

Flycomm partnered with a leading TowerCo company in Asia, to provide AI-driven mapping optimization and planning for deploying 4G antennas for the country's two largest mobile providers.

- ✓ Continuously collecting and analyzing data from existing 4G networks.
- ✓ Identifying infrastructure gaps that affect service delivery.
- ✓ Strategically planning the deployment of new 4G infrastructure.
- ✓ Sharing insights on network performance with customers.

By leveraging Flycomm's AI platform, the TowerCo optimized its existing infrastructure, increased operational efficiency, reduced infrastructure expenses by optimizing the deployment of new 4G antennas, and enhanced the mobile user experience for customers through improved network quality and reliability.



# Comprehensive Network Monitoring & Management



Real-time visibility into your entire network infrastructure

## Real-Time Coverage Analysis

- Multi-technology monitoring (3G/4G/5G)
- Signal strength visualization (RSRP, RSRQ, SNR)
- Coverage reliability metrics

## Performance Monitoring

- Application-specific performance metrics
- Quality of service tracking
- Real-time performance indicators

## Multi-Environment Analysis

- Indoor coverage assessment
- Coverage in vehicle environment analysis
- Outdoor & aerial coverage mapping

## Advanced Data Analytics

- Customizable statistical reports
- Historical trend analysis
- Performance benchmarking

## Competitive Analysis

- Best provider mapping
- Technology dominance analysis
- Cross-operator analysis

## User Experience Monitoring

- Application-based analysis
- Service quality tracking
- Customer experience metrics

# Advanced Network Planning & Optimization



AI-Powered infrastructure planning and optimization tools

## Site Planning & Optimization

- Precise site location identification (lat/long)
- Sector direction optimization
- Coverage optimization per site

## Network Simulation

- What-if scenario planning
- Site relocation impact analysis
- Coverage prediction modeling

## IoT Network Planning

- IoT coverage optimization
- Device density planning
- Application-specific requirements

## Infrastructure Optimization

- Cost-effective deployment planning
- Resource utilization optimization
- Infrastructure efficiency analysis

## Multi-Technology Planning

- 3G/4G/5G deployment strategies
- Technology transition planning
- Cross-technology optimization

## Coverage Enhancement

- Multi-environment coverage planning
- Signal source analysis
- Coverage gap remediation

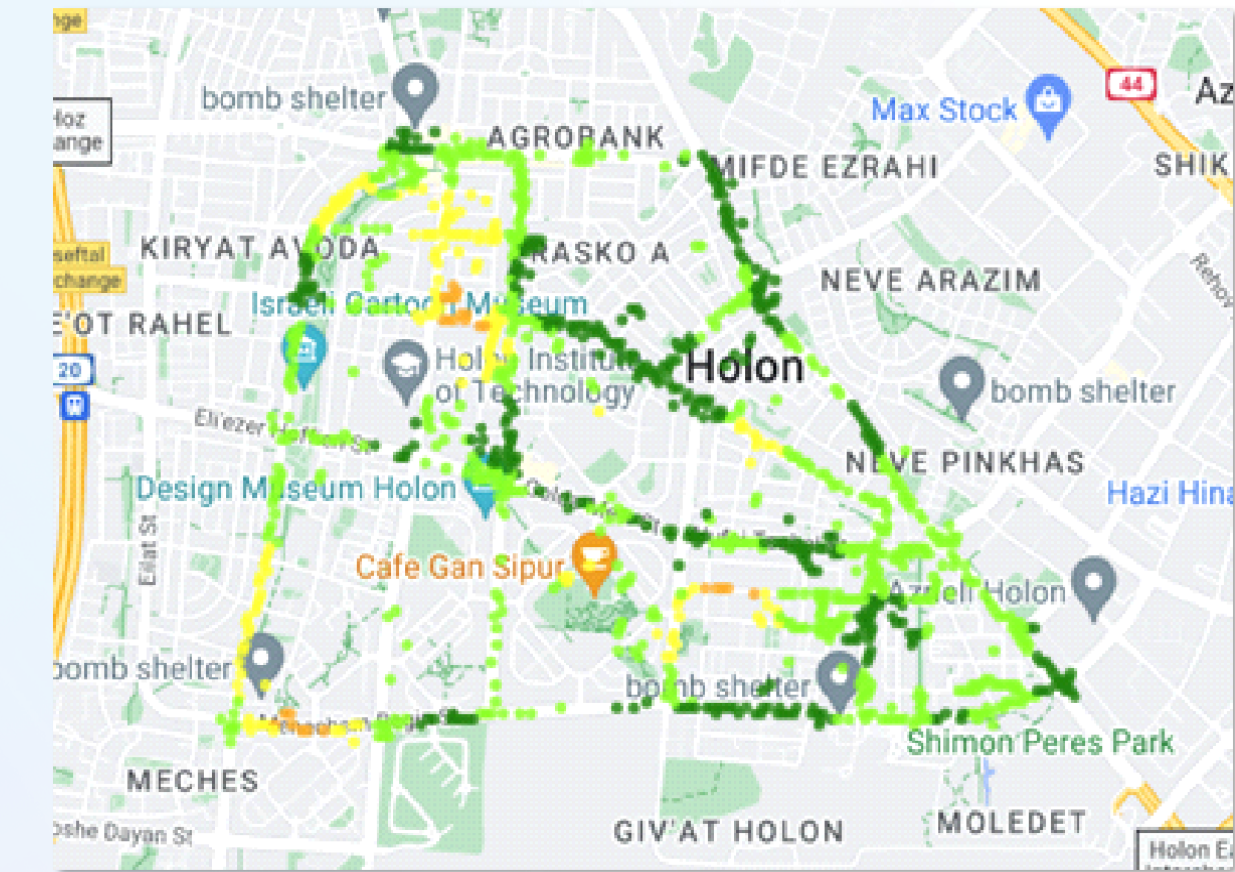
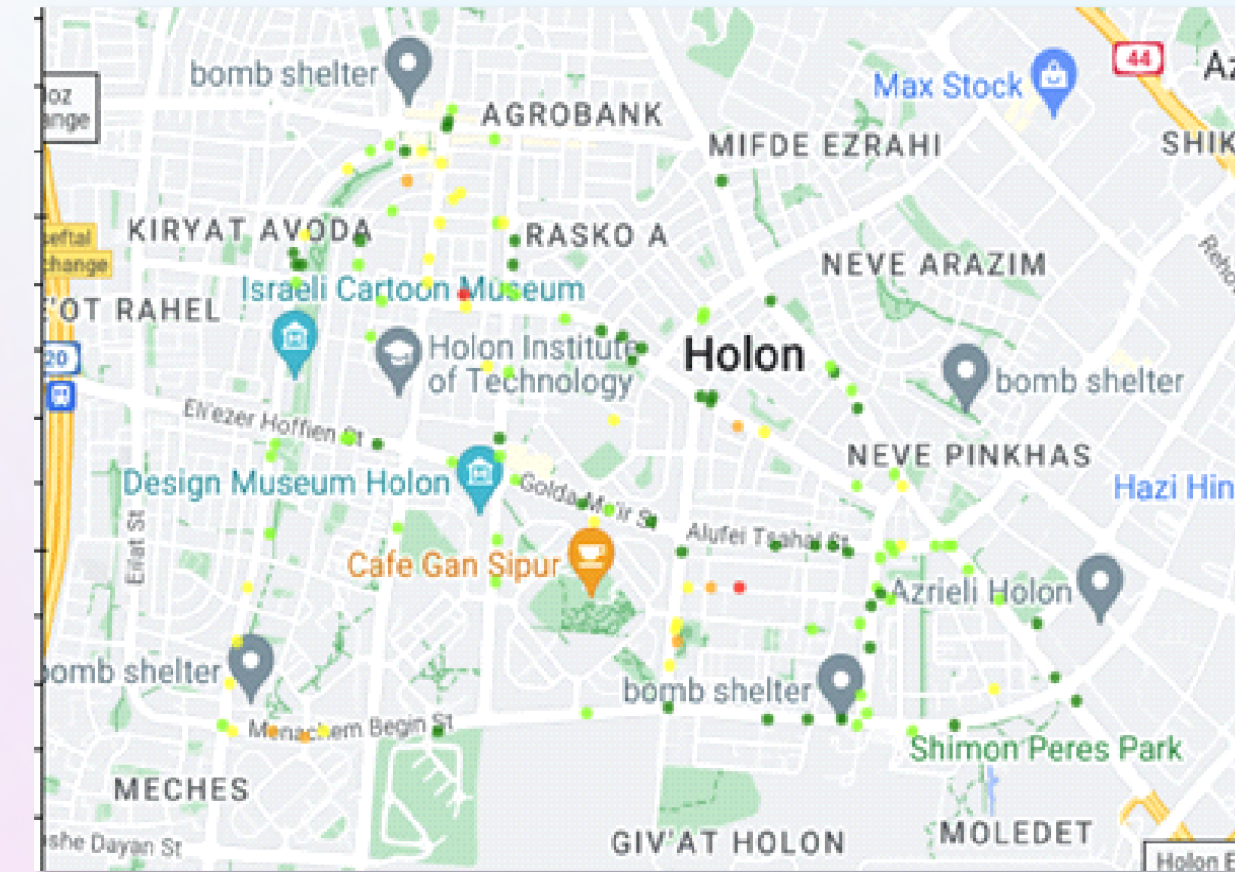
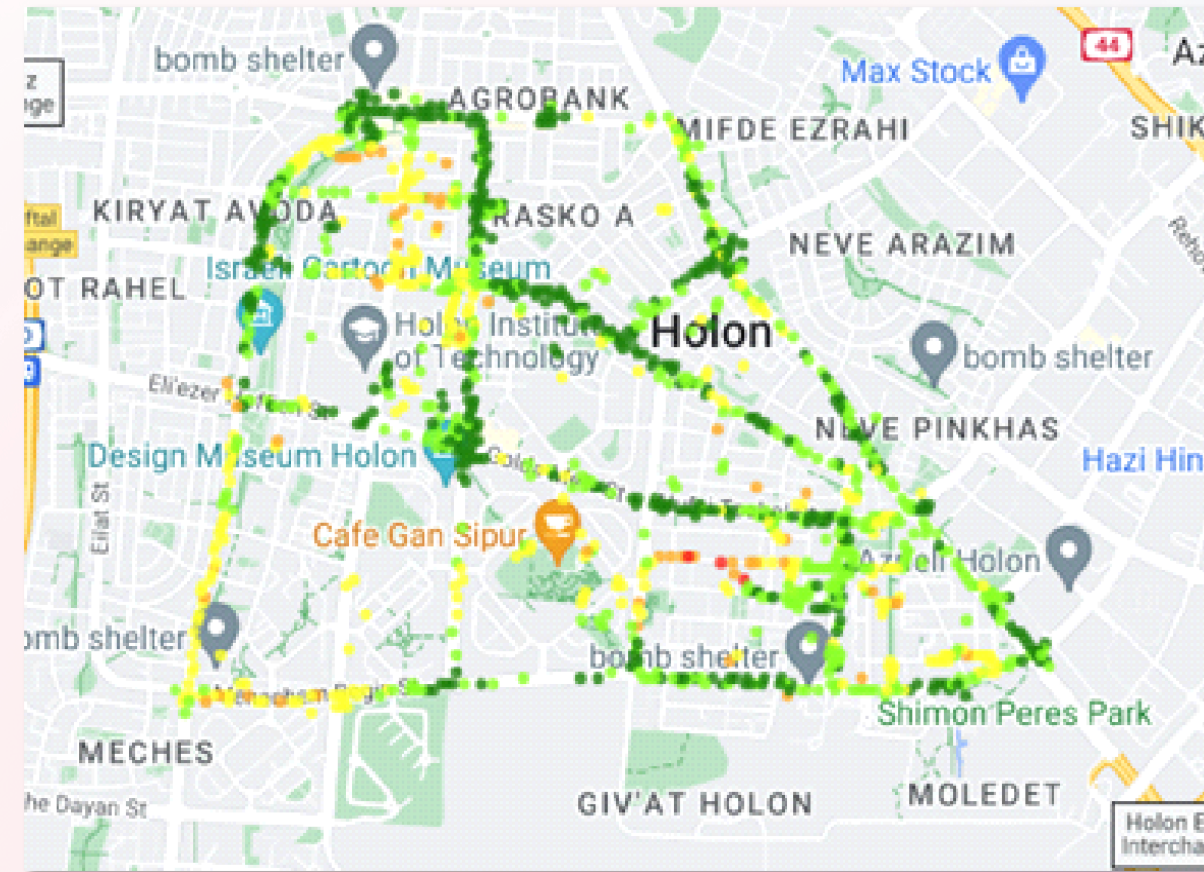
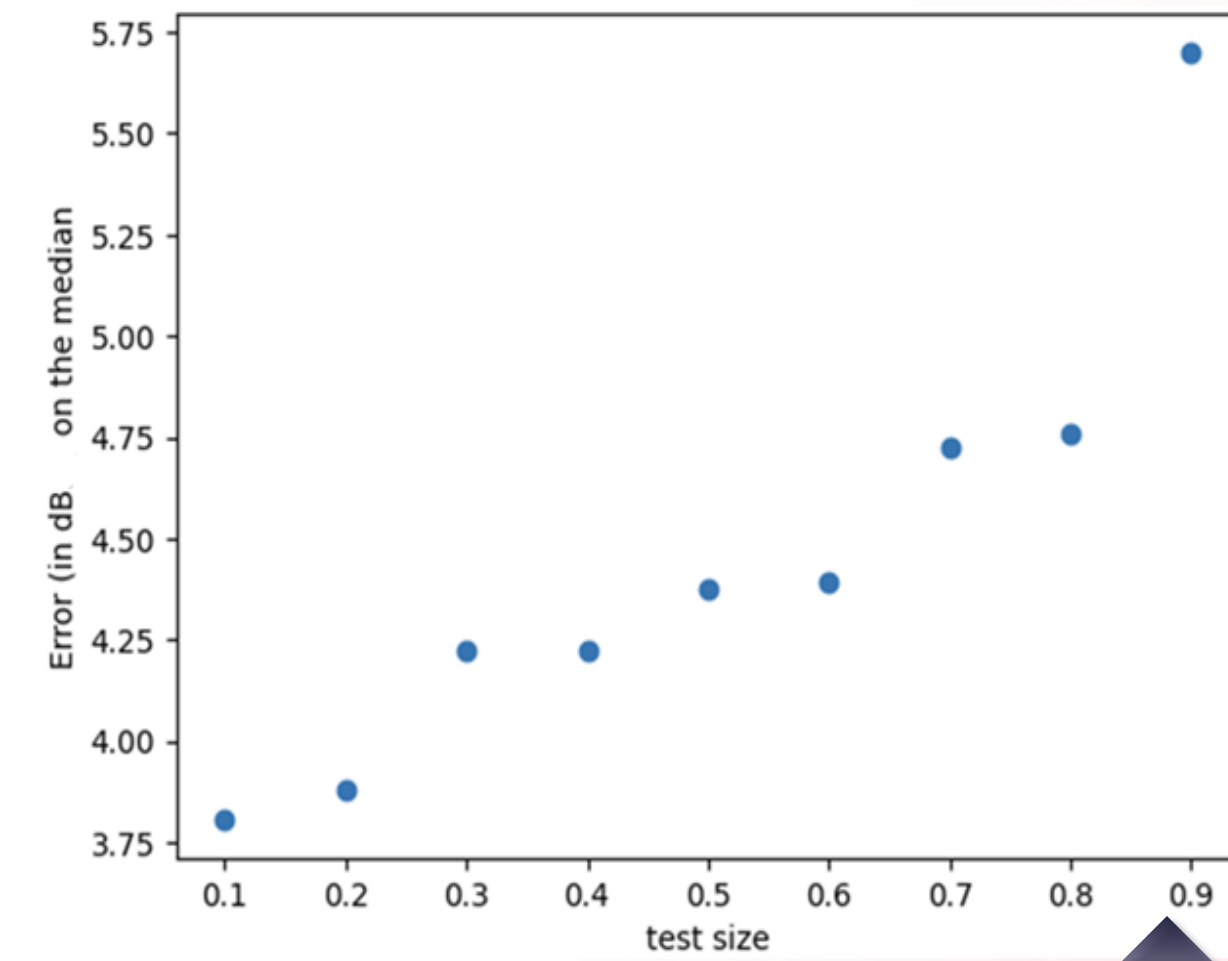
# System Accuracy

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- Data-driven enhanced accuracy model, alleviates the challenge of planning a mobile network for the new generations of cellular technologies
- Highest level of accuracy: our prediction model provides an accuracy of 2 to 6dB, better than industry standard

# System Accuracy



**Accuracy Testing**  
Accuracy confirmed by comparing prediction results with survey measurements

**Testing data [survey]**  
90% testing data to be predicted

**Train data**  
10% training data available for the model

**Predicted data**  
prediction vs. testing is within few dBs range of mean error

# Competitor Analysis



Features	Flycomm Platform	Simulation Tools	Drive-Test Tools	Crowd-Source
Design Approach	Solution-based Flycomm app. & AI algorithms	RF simulations based digital maps	Solution-based RF Scanner data analysis	Solution-based crowd source data app.
Cloud based real data analysis	✓	✗	✓	✓
Support 3G, 4G and 5G technologies	✓	✓	✓	✓
Planning Capabilities	✓	✓	✗	✗
AI 4G & 5G Prediction Algorithm	✓	✗	✗	✗
Massive 5G antenna planning based AI models	✓	✗	✗	✗
Real Time data analysis	✓	✗	✓	✓
Management & Making decision Platform	✓	✗	✗	✓
Application performance analysis	✓	✓	✗	✓
IoT planning capability	✓	✓	✗	✗
Green city analysis	✓	✗	✗	✗
Benchmarking platform	✓	✗	✓	✓
Environment (indoor, vehicle, portable) analysis	✓	✓	✗	✗
Flexibility in feature development per demand	✓	✗	✗	✗



**Flycomm gives you the accuracy of a Drive Test combined with the planning capabilities of Simulation tools with the scalability of Crowd Source tools.**

**Gain a competitive edge and unlock significant savings with our easy-to-use, cost-effective platform, offering real-time updates and actionable insights.**



# Our Customers





*Flycomm*

**Connectivity is a Commodity**

Flycomm simplifies management, monitoring & planning of mobile networks by providing unprecedented visibility into wireless coverage



*Flycomm*



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