

[www.simaresana.ir](http://www.simaresana.ir)

# **Sima Resana Co**

**Technical Profile**



**2009**

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## Technical Profile

## **i. A look to SimaResana Profile**

### **a. About Us:**

Sima Resana Co. established in 1997, has developed a highly professional profile for Electrical and Telecommunication projects. Besides all mentioned, TV & FM projects including manufacturing of TV and FM transmitters are in our scope of work.

Assembling highly qualified and experienced engineering teams; we are capable of accomplishing various projects in installation, commissioning and Integration of GSM BSS systems and also technical maintenance. Every telecommunication EPC (turn key) projects, from the first step of planning to the last step of acceptance test can be easily done by our qualified and experienced teams developed in each field.

Regarding the wishes of IRI government, SimaResana is on the way to be a local telecommunication company profiting the local engineering potentials toward self-sufficiency.

SimaResana has been qualified by MPO, Managing and Planning Organization of Iran in fields of:

- Telecommunication
- Power

Sima Resana is also:

- ✓ The formal representative of KATHREIN company BCA
- ✓ The formal representative of UNICOM company
- ✓ The formal representative of INTECH company
- ✓ The formal representative of CEICI company

b. Members of Board

**Mohammad Amjadi**

**Chairman of Board**

M.Sc in Electronics engineering from Polytechnic University, 1966

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**Javad Kobari**

**Deputy of the Board**

B.S in Electronics engineering from Polytechnic University, 1972

M.Sc in Digital communication from FIT University, USA, 1978

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**Hamid Mehrabian**

**President & Member of the Board**

M.Sc in Physics from Tehran University, 1975

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### c. Activities and Training Courses.

As stated above, SimaResana Staff are all fully experienced and technically trained for different types of telecommunication projects. Number of activities being done in the company is stated below:

1. RF Planning of GSM Network
2. Transmission Planning of GSM Network
3. BSS Network Optimization
4. Installation, Commissioning and Integration of all BSS systems of GSM.
5. Quality Assurance of BSS systems and Q.A exportation.
6. Preliminary Acceptance Test (PAT) for BTSs
7. Technical Maintenance of GSM BSS systems

Different training courses are also being held in the company for newly introduced engineers, sample of these courses can be seen below:

1. GSM theory
2. GSM Advanced Cell Planning
3. Quality Assurance
4. Ericsson RBS (2000 family such as 2206, 2106, 2202, 2308...)
5. Nokia BTS (Intra talk family , Ultrasite ,Metro site)
6. Siemens BTS (BS60, BS240XL, BS241...)

7. Ericsson BSC
8. Nokia BSC
9. Siemens BSC
10. Transmission systems (XDSL , PCM )
11. Microwave radio...

#### d. The manufacturing capability of the company

As majority of shareholders are perfect engineers of IRIB (Islamic Republic of Iran Broadcasting). Electronics teams are capable of delivering:

- i. TV transmitters/ repeaters powered 5~500W
- ii. TV/FM transmitters powered 0.2~5Kw
- iii. TV Translators

## ii. General Specifications

Name of the Company	<b>Sima Resana</b>
Type of the Company	<b>P.J.S</b>
Registration No.	<b>133904</b>
Registration Date	<b>Sep. 1997</b>
Permission No.	<b>69148</b>
Economical Code	<b>198 - 165 - 398</b>

## iii. Contact Us:

### Head Office

**Address:** Unit 10 - No. 69 - Shahrn Blvd. - Hemat Highway - Tehran - Iran

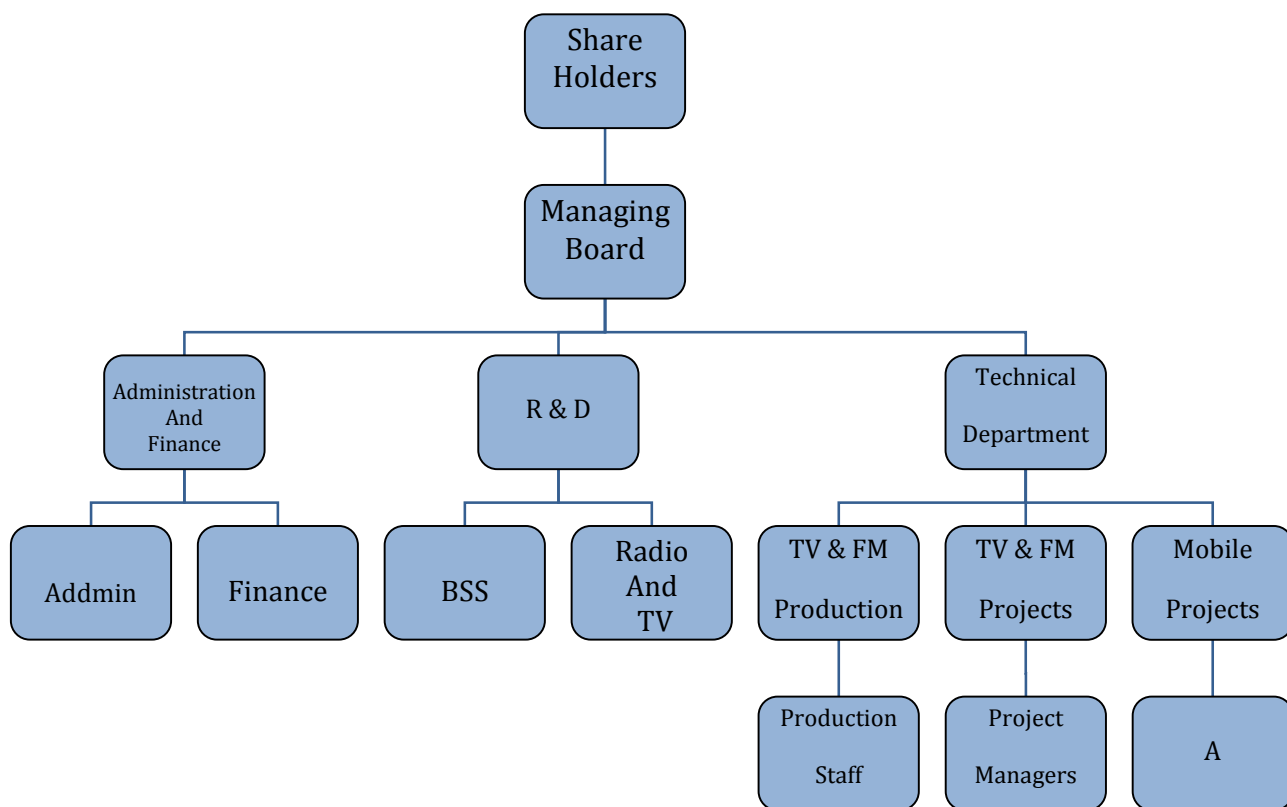
**Tel:** +98 21 44328506 & 44328507

**Fax:** +98 21 44322489

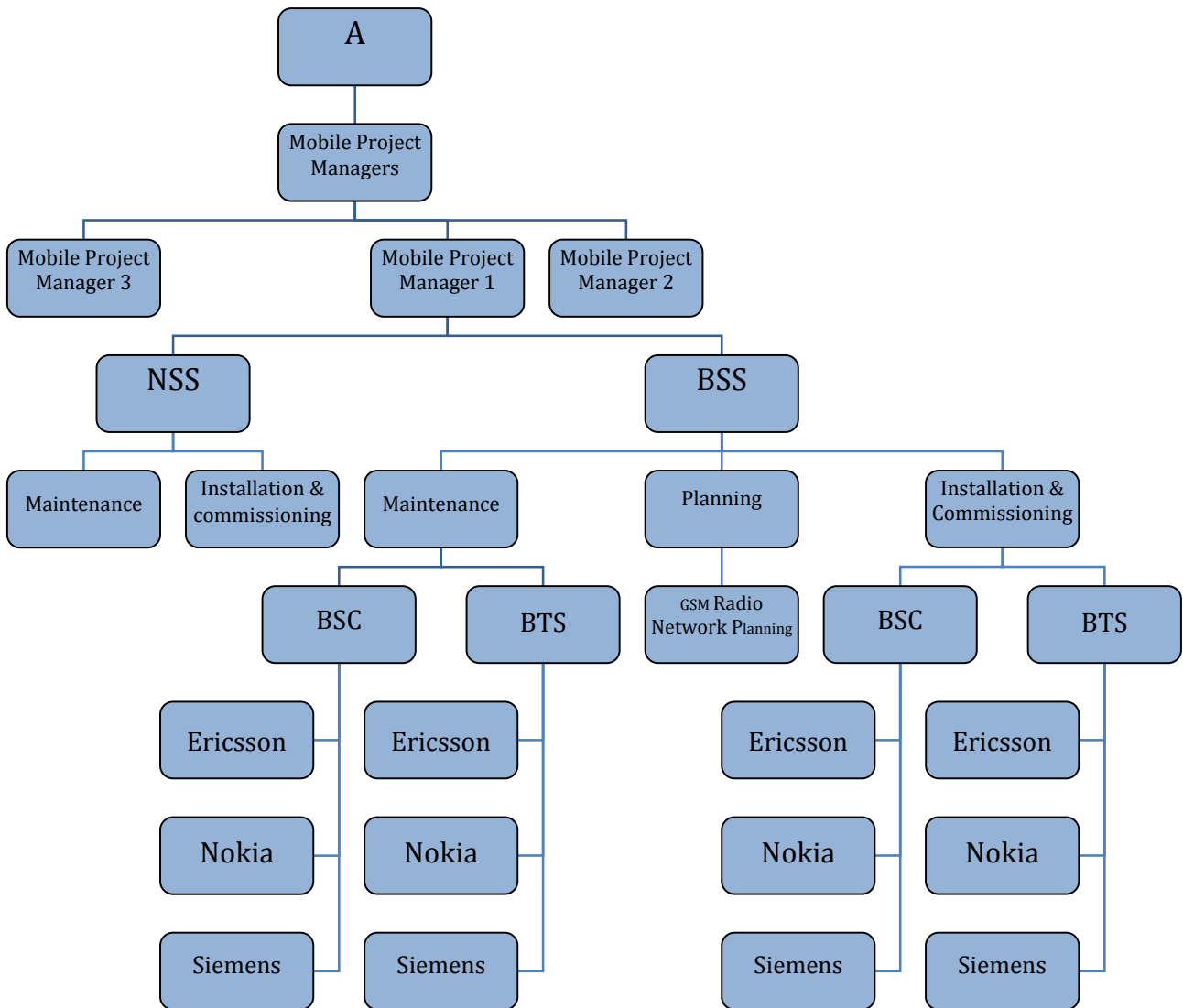
**E-mail:** [simaresana@simaresana.ir](mailto:simaresana@simaresana.ir)

**Web site:** [www.simaresana.ir](http://www.simaresana.ir)

#### iv. Organization Chart







## v. Finished and under construction projects

No.	Description	Client	Location
1	BTS Installation and Commissioning	MCCI	Tehran
2	BTS Installation and Commissioning	MCCI	Semnan
3	BTS Installation and Commissioning	MCCI	Golestan
4	BTS Installation and Commissioning	MCCI	Zanjan
5	BTS Installation and Commissioning	MCCI	Ilam
6	BTS Installation and Commissioning	MTN – IranCell	Hamedan
7	BTS Installation and Commissioning	MTN – IranCell	Kermanshah
8	BTS Installation and Commissioning	MTN – IranCell	Ilam
9	BTS Installation and Commissioning	MTN – IranCell	Kordestan
10	BTS Installation and Commissioning	MTN – IranCell	Mazandaran
11	BSS Technical Maintenance	MCCI	Tehran
12	BSS Technical Maintenance	MTN - IranCell	Mazandaran - Tehran

No.	Description	Client	Location
1	Design & Production of TV transmitters	IRIB	Tehran
2	Design & Production of FM transmitters	IRIB	Tehran
3	Jamaran TV station commissioning	IRIB	Tehran
4	Broad cast system lightening protection	IRIB	Tehran
5	Integration of control system	Aluminum Factory	Neishabour
6	Installation of PLC systems	Karoon Factory	
7	UHF TV transmitter	IRIB	Ghasr Ghand
8	Commissioning TV transmitter	IRIB	
9	Commissioning TV repeater		
10	Maintenance public telephone	TCI	Tehran – region 2
11	Maintenance public telephone	TCI	Tehran – region 4

## vi. Key Personnel

Name	<b>Hamid Mehrabian</b>	Profession	<b>Telecommunication</b>
Position	Managing Director		
Education	Graduated from _____ <u>M.S. in Physics</u> in _____ <u>Tehran</u> _____ <u>University/college</u>		
Experience			
Year~Year	Names of construction project ever participated in	Position title held	Remark
2003~2009	<b>BTS installation for:</b> 1. Semnan MCCI 2. Golestan MCCI 3. Zanzan MCCI 4. Tehran MCCI 5. Ilam MCCI 6. Tehran MCCI (FLM) 7. Nokia – Irancell 8. Huawei – Irancell	<b>Simaresana</b> <b>Managing Director</b>	<b>Head Project Manager in mentioned projects</b>
1998~2003	TV&FM TX Manufacturing	<b>Technical Manager &amp; Member board</b>	-----
1997~1998	TV&FM TX Manufacturing	<b>Technical Manager</b>	-----
1996~1997	TV&FM TX Manufacturing	<b>Elmatco Co.</b> <b>Marketing Manager</b>	-----
1993~1996	Installation and FM network expansion	<b>Takta (IRIB)</b> <b>Technical Manager</b>	<b>Manager of FM network expansion</b>
1989~1993	Installation and FM network expansion	<b>IRIB Technical Manager</b>	<b>Design, Installation and commissioning of FM transmitters</b>
1985~1989	Microwave Maintenance	<b>IRIB Technical Manager</b>	<b>Installation and maintenance of MWs lines</b>

<b>Name</b>	<b>Mohammad Amjadi</b>	<b>Profession</b>	<b>Telecommunication</b>
<b>Position</b>	Head of Board		
<b>Education</b>	Graduated from _____ <u>M.S. in Electronics</u> in _____ <u>Poly Technique</u> _____ University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2003~2009	<b>BTS installation for: Tehran MCCI (FLM)</b>	<b>Sima Resana Head of Board</b>	<b>Vice Project Manager</b>
1997~2003	<b>TV&amp;FM TX Manufacturing</b>	<b>Sima Resana Managing director</b>	-----
1993~1997	<b>TV&amp;FM Expansion network</b>	<b>TELETRONICS Technical Manager</b>	-----
1989~1993		<b>Adviser to general manager (IRIB)</b>	-----
1988~1989		<b>Participant of IRIB in UNDP conf.</b>	-----
1986~1988		<b>Participant of IRIB in ITU study group 11</b>	-----
1984~1986		<b>IRIB network Expansion director</b>	-----
1983~1984		<b>Technical engineer of network expansion (IRIB)</b>	-----

<b>Name</b>	<b>Javad Kobary</b>	<b>Profession</b>	<b>Telecommunication</b>
<b>Position</b>	Member of Board		
<b>Education</b>	Graduated from _____ M.S. in Digital systems in _____ F.I.T (USA) _____ University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2003~2009	TV&FM Expansion Network	Simaresana Member of Board	-----
1997~2003	Digital Microwave Installation	Simaresana Head of Board	Project director of digital H.D. MW link (NIOC)
1989~1997	BTS Installation	Elmatco Technical Manager	-----
1987~1989	TV&FM Expansion Network	Technical manager of Tehran tube on control and Communication	SIGNALLING, TRAFIC CONTROL, ELECTRIC
1984~1987	TV&FM Expansion Network	TV & FM Network Expansion Director (IRIB)	-----
1981~1984		Formal IRIB participant in IFRB	-----
1977~1981		Project Manager OF 400 KV Power Transmission NEKA-TEHRAN	-----

<b>Name</b>	<b>Mohammad Pouladi</b>	<b>Profession</b>	<b>Telecommunication</b>
<b>Position</b>	Chief Engineer		
<b>Education</b>	Graduated from <u>        </u> <u>M.S. in Computer science</u> in <u>        </u> <u>Tehran</u> <u>        </u> <u>University/college</u>		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2005~2009	<b>BTS installation for: Tehran MCCI (FLM)</b>	<b>Simaresana Engineer</b>	<b>Project director</b>
1979~2005	<b>Computer science professor</b>	<b>Azad University</b>	-----
1968~1979	<b>Computer science professor</b>	<b>Army</b>	-----

<b>Name</b>	<b>Ali Kamali</b>	<b>Profession</b>	<b>Telecommunication</b>
<b>Position</b>	Engineer		
<b>Education</b>	Graduated from <u>B.S. in Electronics</u> in <u>IRIB</u> University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2003~2009	<b>BTS installation for:</b> <ol style="list-style-type: none"> <li>1. Semnan MCCI</li> <li>2. Golestan MCCI</li> <li>3. Zanjan MCCI</li> <li>4. Tehran MCCI</li> <li>5. Nokia – Irancell</li> <li>6. Huawei – Irancell</li> </ol>	<b>Simaresana Engineer</b>	<b>supervisor</b>

<b>Name</b>	<b>Farzad Rafatnejad</b>	<b>Profession</b>	<b>Telecommunication</b>
<b>Position</b>	Engineer		
<b>Education</b>	Graduated from <u>B.S. in Telecommunication</u> in <u>Tehran Azad</u> University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2005~2009	<b>BTS installation for:</b> <ol style="list-style-type: none"> <li>1. Tehran MCCI (FLM)</li> <li>2. Nokia – Irancell</li> <li>3. Nokia – Irancell (FLM)</li> <li>4. Ilam – MCCI</li> <li>5. Tehran – MCCI</li> </ol>	Simaresana Engineer	Technical manager / TI manager



<b>Name</b>	<b>Behrouz Babapour</b>	<b>Profession</b>	<b>Telecommunication</b>
<b>Position</b>	Engineer		
<b>Education</b>	Graduated from <u>      B.S. in Electronics      </u> in <u>      Mazandaran Azad      </u> University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2005~2009	<b>BTS installation for:</b> 1. <b>Tehran MCCI (FLM)</b> 2. <b>Nokia – Irancell</b> 3. <b>Nokia – Irancell (FLM)</b>	<b>Simaresana Engineer</b>	<b>Vice project manager</b>

<b>Name</b>	<b>Maryam Mehrabian</b>	<b>Profession</b>	<b>Electronic Engineer</b>
<b>Position</b>	Engineer		
<b>Education</b>	Graduated from <u>    B.S. in Electronic</u> in <u>    Beheshti University</u> University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2005~2009	<b>BTS installation for:</b> 1. Tehran MCCI (FLM) 2. Nokia – Irancell 3. Huawei – Irancell 4. Nokia – Irancell (FLM) 5. Ilam – MCCI	<b>Simaresana Engineer</b>	<b>Technical manager / TI manager</b>

<b>Name</b>	<b>Negin Ashrafnia</b>	<b>Profession</b>	<b>Electronic Engineer</b>
<b>Position</b>	Engineer		
<b>Education</b>	Graduated from <u>    B.S. in Electronic</u> in <u>    Azad University</u> University/college		
<b>Experience</b>			
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>
2005~2009	<b>BTS installation for:</b> 1. Tehran MCCI (FLM) 2. Nokia – Irancell 3. Huawei – Irancell 4. Nokia – Irancell (FLM) 5. Ilam - MCCI	<b>Simaresana Engineer</b>	<b>Technical manager/ TI manager</b>

<b>Name</b>	<b>Jamshid Ovraee</b>		<b>Profession</b>	<b>Power</b>
<b>Position</b>	Engineer			
<b>Education</b>	Graduated from <u>    </u> B.S. in Power in <u>    </u> Tehran Azad <u>    </u> University/college			
<b>Experience</b>				
<b>Year~Year</b>	<b>Names of construction project ever participated in</b>	<b>Position title held</b>	<b>Remark</b>	
2005~2009	<b>BTS installation for:</b> <ol style="list-style-type: none"> <li>1. Tehran MCCI (FLM)</li> <li>2. Nokia – Irancell</li> <li>3. Nokia – Irancell (FLM)</li> <li>4. Ilam - MCCI</li> </ol>	<b>Simaresana Engineer</b>	<b>Technical manager</b>	