

2017-



– 2018 .

-  
-  
-

-  
-  
-  
-  
-  
-

- I.
- II.
- III.
- IV.
- V.
- VI.

**I.**

I.1

I.2

I.2.1

I.2.2

I.2.3

I.2.4

I.3

2017

” “

1000 700 21.500

500 /

7.760<sup>3</sup>, 94.874 ‘

, 5 17.021

( , 1 )

2017 5.107.015<sup>3</sup> , a 2.411.327<sup>3</sup>

767.688<sup>3</sup>, 444.350<sup>3</sup>, 1.966.977<sup>3</sup>

2017 , 1.928.000<sup>3</sup>

( )

- ); (
  - ( );
  - ( );
- .)

**I.1**

2017

and Data Acquisition). SCADA  
SCADA

SCADA (Supervisory Control  
(  
SCADA)

1991

24

2017 .

- 1440
- 1440
- 1580

5, 37, 38

/

.3  
.46/2008),

(,,

“ —

”

”

—

“

”

“

”

”

•

•

•

“ 2017

”

144

—

“

”

•

•

;

”

“ —

”

• 4

• 4

• 2

• 2

• 1

(,,

“ .46/2008).

16-03-2017

:

”

“

”

- 
- 
- 
- 

2017

**I.2**  
**I.2.1**

- 
- 
- 
- 
- 
- 
- 

2017

..... 435  
 ..... 254

**I.2.2**

- 
- 
- 
- 
- 

**422.225<sup>3</sup>**

2017  
**2.193.663<sup>3</sup>**

**1.771.438<sup>3</sup>**

- ..... 320  
 - ..... 16  
 - .....190<sup>2</sup>  
 - .....170<sup>2</sup>  
 - .....180<sup>2</sup>

**I.2.3**

- ;  
 - ;  
 - ;  
 - ;  
 - ;

2017 561

- ..... 154  
 - ..... 153  
 - ..... 254  
 - ..... 32  
 - ..... 108

**I.2.4**

- e ;  
 - ;  
 - ;  
 - ( ; )

1/2" 2"

2017

- ..... 215  
 - ..... 18  
 - ( ..... ) ..... 181

221

**I.3**

- ;  
 - ;

- ;

- ( ).

- ;

- ;

- ;

- ;

- ;

- ;

- ;

.2,3 4. .1, 2017 .

### II.

- ;
- ;
- ;
- ( );
- ;
- ;
- ;
- ;
- ;
- ;

#### II.1

2017 - 24.751.657 <sup>2</sup>, 38.395.601 <sup>2</sup>, 13.643.944 <sup>2</sup>.









III.1

2017,

8

- ;

- ' ;

- ;

- ( 2017 );

- ;

- ;

- ;

- “ ” “ ”

- “ ”

**III.2**

- ;

- ;

- ;

- 2017,

- ;

- 16 176 ;

- 22

- 26 ;

- 14 ;

- ; 70 30

- 21 ;

- 25 31 , 30 ;

- 80

- ;  
 - 25.000 ; 35.000  
 2017 ., .2, 3 4 .1, .  
 -

**IV.**

. :  
 -  
 -  
 -  
 -

2017 :

- 10 ; 6
- ; 36
- ;
- ; 586 ;
- BIOREAL - IPA-CBC 2014-2020
- 2018

V.

” -  
:

- 
- 

:

-	.....	3954	2
-	.....	571	2
-	- .....	776	2
-	- .....	50	2
-	2 1 .....	408	
-	.....	156	
-	.....	40	2
-	.....	17	2
-	.....	50	

( , ).

70 100.

4.115.500

2017

( ).

( )

.2,3 4.

**VI.**

-  
-

-

-

-

-

-

-

-

a

).

( -

;

;

- ,  
 - ;  
 - , ;  
 - .  
 - - :  
 - ,  
 - " (FS, EIA,CBA),  
 - " -  
 - / , CCTV -

**VI.1**

2017

:  
 - ,  
 - ;  
 - :  
 - ( ; 350 <sup>2</sup> ;  
 - ( )  
 - )  
 - ,  
 - .



VI.2

14 ; 14 ;  
 11 ; ) 2  
 104 ;  
 . 24  
 35  
 5<sup>3</sup>  
 2017 297

-						
	4	4	3	1	16	28
	2	1	0	0	0	3
	14	7	2	7	47	77
/	63	87	29	0	10	189
:	<b>83</b>	<b>99</b>	<b>34</b>	<b>8</b>	<b>73</b>	<b>297</b>

	2017	189.623.480,00
	. 2, 3 4.	
2017		93.415.138,00
		80.663.354,00
	12.751.784,00	
		66.870.564,00
	45.767.253,00	
	9.171.013,00	
		15 ( 15
		( ,
	) ,	),
	11.932.298,00	
		20.604.151,00 :
15.266.421,00		
	4.955.330,00	
	382.400,00	
1.017.001,00		4.115.500,00 :
1.235.112,00	1.863.387,00	
		380.100,00
2017		
4.238.027,00		
2017		183.320.277,00
	.3 4.	
8.088.569,00		
	4.525.508,00	
		7.378.637,00
5.549.928,00	- 01.828.709,00	

	2.153.835,00	2017	
			473.652,00
		2017	977.108,00
17.023.364,00		2017	14.780.082,00
		2017	25.121.985,00
			7.176.289,00
1	5	12	884.740,00
		2017	412.083,00
			819.264,00
		2017	908.442,00
(	(	)	4.264.661,00
		— 2017	
		2017	88.323.080,00
8.978,00			
		2017	189.623.480,00
183.320.277,00			
6.303.203,00			
	: 15%		, 2.000.000,00
(	(	)	,

332.049.166,00  
9.371.118,00

31.12.2017

2017

2017  
2980

			L=
1.		Ø63	75
2.		Ø50	70
		Ø32	520
3.		Ø63	100
		Ø32	30
4.		Ø40	24
5.		Ø25	20
6.	( )	Ø32	488
7.		Ø40	135
		Ø50	32
		Ø32	249
8.		Ø90	79
9.	( )	Ø40	30
10.	( )	Ø63	25
11.		Ø40	30
		Ø32	40
12.		Ø32	215
13.	( )	Ø50	102
14.	( )	Ø32	230
15.	( )	Ø32	140
16.	( )	Ø32	130
17.		Ø63	121
18.		Ø63	95
			<b>L =2980</b>

-

2017 . 4 75  
.6 , 31  
25 3 . 8 22 , 310<sup>2</sup>.  
-

## I – XII 2017

1	2	3	2017		6:4	6:5	
			4	5			6
1.		3	<b>3.573.340</b>	<b>3.473.766</b>	<b>5.107.015</b>	143	147
2.		“	<b>2.358.830</b>	<b>2.315.734</b>	<b>2.411.327</b>	102	104
	)	“	389.900	378.676	444.350	114	117
	)	“	1.968.930	1.937.058	1.966.977	100	101
3.		“	614.160	536.597	<b>767.688</b>	<b>125</b>	<b>143</b>
4.		“	600.350	621.435	<b>1.928.000</b>	<b>321</b>	<b>310</b>
5.		“	<b>2.182.180</b>	<b>2.132.478</b>	<b>2.193.663</b>	100	103
	)	“	377.680	370.386	422.225	112	114
	)	“	1.804.500	1.762.092	1.771.438	98	100
6.		.	<b>500</b>	<b>232</b>	<b>215</b>	43	93
7.		2	<b>37.750.000</b>	<b>37.632.136</b>	<b>38.395.601</b>	102	102
	)	“	4.550.000	4.539.260	4.585.749	101	101
	)	“	8.950.000	8.883.327	9.058.195	101	102
	)	“	12.750.000	12.762.159	12.962.231	102	102
	)	“	11.500.000	11.447.390	11.789.426	102	103
8.		2	<b>14.175.849</b>	<b>13.165.968</b>	<b>12.348.542</b>	87	94
	-	2	7.795.099	7.182.871	6.335.582	81	88
	-	2	6.380.750	5.983.097	6.012.960	94	100
9.		2	<b>262.348</b>	<b>262.348</b>	<b>262.384</b>	100	100

## I – XII 2017

	2017	2016	2017	4:2	4:3
	2	3	4	5	6
1	<b>197,730,000</b>	<b>190,378,997</b>	<b>189,623,480</b>	<b>96</b>	<b>100</b>
“ ”	<b>95,600,000</b>	<b>90,763,094</b>	<b>93,415,138</b>	<b>98</b>	<b>103</b>
1.	<b>82,800,000</b>	<b>78,208,361</b>	<b>80,663,354</b>	<b>97</b>	<b>103</b>
)	17,500,000	15,862,397	18,488,109	<b>106</b>	<b>117</b>
)	62,800,000	60,207,410	61,003,784	<b>97</b>	<b>101</b>
)	2,500,000	2,138,554	1,171,461	<b>47</b>	<b>55</b>
2.	<b>12,800,000</b>	<b>12,554,733</b>	<b>12,751,784</b>	<b>100</b>	<b>102</b>
)	2,700,000	2,639,103	2,913,116	<b>108</b>	<b>110</b>
)	9,900,000	9,727,530	9,755,868	<b>99</b>	<b>100</b>
)	200,000	188,100	82,800	<b>41</b>	<b>44</b>
“ ”	<b>66,980,000</b>	<b>66,889,751</b>	<b>66,870,564</b>	<b>100</b>	<b>100</b>
1.	<b>44,430,000</b>	<b>44,663,647</b>	<b>45,767,253</b>	<b>103</b>	<b>102</b>
)	17,350,000	17,450,559	18,015,558	<b>104</b>	<b>103</b>
)	4,930,000	4,949,092	5,032,653	<b>102</b>	<b>102</b>
)	19,850,000	19,953,655	20,340,140	<b>102</b>	<b>102</b>
)	2,300,000	2,310,341	2,378,902	<b>103</b>	<b>103</b>
2.	<b>10,500,000</b>	<b>10,256,697</b>	9,171,013	<b>87</b>	<b>89</b>
	10,500,000	10,256,697	9,171,013	<b>87</b>	<b>89</b>
3.	<b>12,050,000</b>	<b>11,969,407</b>	<b>11,932,298</b>	<b>99</b>	<b>100</b>
a)	2,500,000	2,484,147	2,525,906	<b>101</b>	<b>102</b>
)	1,100,000	1,032,800	911,400	<b>83</b>	<b>88</b>
)	8,450,000	8,452,460	8,494,992	<b>101</b>	<b>101</b>
“ ”	<b>23,900,000</b>	<b>22,950,171</b>	<b>20,604,151</b>	<b>86</b>	<b>90</b>
)	5,200,000	4,955,900	4,955,330	<b>95</b>	<b>100</b>
)	18,400,000	17,426,809	15,266,421	<b>83</b>	<b>88</b>
)	300,000	567,462	382,400	<b>127</b>	<b>67</b>
“ ”	<b>5.250.000</b>	<b>4,657,702</b>	<b>4,115,500</b>	<b>78</b>	<b>88</b>
)	1.650.000	1,341,528	1,017,001	<b>62</b>	<b>76</b>
)	2.500.000	2,208,266	1,863,387	<b>75</b>	<b>84</b>
)	1.100.000	1,107,908	1,235,112	<b>112</b>	<b>111</b>
,	<b>2,500,000</b>	<b>1,086,065</b>	380,100	<b>15</b>	<b>35</b>
	<b>3,500,000</b>	<b>4,032,214</b>	<b>4,238,027</b>	<b>121</b>	<b>105</b>



## I – XII 2017

	2017	2017	2017	2017	2017
-	<b>189,623,480</b>	<b>95,885,387</b>	<b>68,527,765</b>	<b>20,949,253</b>	<b>4,261,075</b>
	185,005,353	<b>93,415,138</b>	<b>66,870,564</b>	20,604,151	4,115,500
	<b>4,238,027</b>	2,284,720	1,555,780	299,205	98,322
	380,100	185,529	101,421	45,897	47,253
-	<b>183,320,277</b>	<b>97,126,903</b>	<b>63,555,999</b>	<b>18,441,642</b>	<b>4,195,733</b>
1.	<b>80,522,740</b>	<b>57,375,772</b>	<b>18,726,490</b>	<b>3,316,322</b>	<b>1,104,156</b>
	8,088,569	4,543,172	2,823,856	593,079	128,462
	4,525,508	2,629,701	1,611,314	134,992	149,501
	7,378,637	2,377,823	4,108,698	820,932	71,184
	2,153,835	560,763	1,461,132	89,969	41,971
	473,652	173,878	225,346	63,440	10,988
	977,108	436,579	348,696	113,984	77,849
	17,023,364	17,023,364			
	14,780,082	7,267,942	6,125,768	1,143,474	242,898
	25,121,985	22,362,550	2,021,680	356,452	381,303
2.	<b>14,465,479</b>	<b>5,708,950</b>	<b>6,413,540</b>	<b>1,861,342</b>	<b>481,647</b>
	7,176,289	2,107,146	3,630,765	1,211,373	227,005
	884,740	386,963	354,788	102,463	40,526
	412,083	195,269	137,276	44,445	35,093
	819,264	300,752	341,665	117,840	59,007
	908,442	419,741	383,489	84,136	21,076
	4,264,661	2,299,079	1,565,557	301,085	98,940
3.	<b>88,323,080</b>	<b>34,037,746</b>	<b>38,413,015</b>	<b>13,263,050</b>	<b>2,609,269</b>
4.	<b>8,978</b>	<b>4,435</b>	<b>2,954</b>	<b>928</b>	<b>661</b>
- ( - )-		<b>1,241,516</b>			
- ( - )-	<b>6,303,203</b>		<b>4,971,766</b>	<b>2,507,611</b>	<b>65,342</b>

## I – XII 2017 .

	2017	2016	2017	5 : 3	5 : 4
	3	4	5	6	7
-	<b>197,730,000</b>	<b>190,378,997</b>	<b>189,623,480</b>	<b>96</b>	<b>100</b>
	197,730,000	190,378,997	<b>189,623,480</b>	<b>96</b>	<b>100</b>
-	<b>193,310,000</b>	<b>176,254,468</b>	<b>183,320,277</b>	<b>95</b>	<b>104</b>
1.	<b>80,150,000</b>	<b>72,930,987</b>	<b>80,522,740</b>	<b>100</b>	<b>110</b>
	10,000,000	8,839,821	8,088,569	<b>81</b>	<b>92</b>
	5,500,000	4,303,461	4,525,508	<b>82</b>	<b>105</b>
	8,500,000	7,173,667	7,378,637	<b>87</b>	<b>103</b>
	1,800,000	1,618,768	2,153,835	<b>120</b>	<b>133</b>
	1,500,000	911,602	473,652	<b>32</b>	<b>52</b>
	1,200,000	1,079,640	977,108	<b>81</b>	<b>91</b>
-	12,650,000	11,849,601	17,023,364	<b>135</b>	<b>144</b>
	12,500,000	12,246,630	14,780,082	<b>118</b>	<b>121</b>
	26,500,000	24,907,797	25,121,985	<b>95</b>	<b>101</b>
2.	<b>14,960,000</b>	<b>13,118,283</b>	<b>14,465,479</b>	<b>97</b>	<b>110</b>
	6,000,000	4,580,946	7,176,289	<b>120</b>	<b>157</b>
	960,000	966,251	884,740	<b>92</b>	<b>92</b>
	700,000	494,658	412,083	<b>59</b>	<b>83</b>
	500,000	604,253	819,264	<b>164</b>	<b>136</b>
	800,000	841,349	908,442	<b>114</b>	<b>108</b>
	5,000,000	4,751,483	4,264,661	<b>85</b>	<b>90</b>
	1,000,000	879,343			<b>0</b>
3.	<b>98,000,000</b>	<b>90,193,687</b>	<b>88,323,080</b>	<b>90</b>	<b>98</b>
4.	<b>200,000</b>	<b>11,511</b>	<b>8,978</b>	<b>4</b>	<b>78</b>
5.	<b>0</b>	<b>0</b>			
- ( - ) - /	<b>4,420,000</b>	<b>14,124,529</b>	<b>6,303,203</b>	<b>143</b>	<b>45</b>