BAS Implementation for Central Govt. Offices outside Delhi and States

Sr. No	State	Organisations Registered	Employees Registered	Presence	Tablets	Desktop Devices
1	Andhra Pradesh	31	2325	292	4	18
2	Assam	14	60	0	0	0
3	Bihar	19	707	0	0	0
4	Chandigarh	36	2599	565	9	80
5	Chhattisgarh	23	2593	594	2	85
6	Goa	25	1084	302	2	15
7	Gujarat	74	3812	302	8	26
8	Haryana	40	4020	1080	4	56
9	Himachal Pradesh	45	1742	162	3	24
10	Jharkhand	19	1206	227	2	31
11	Karnataka	101	17845	3689	91	264

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Sr. No	State	Organisations Registered	Employees Registered	Presence	Tablets	Desktop Devices
12	Kerala	69	6605	1255	35	122
13	Madhya Pradesh	75	2683	766	5	50
14	Maharashtra	186	23510	2949	37	304
15	Odisha	61	3840	587	2	59
16	Rajasthan	76	7206	749	26	69
17	Tamilnadu	97	8489	1721	75	149
18	Punjab	40	2312	761	10	59
19	Telangana	53	6788	997	48	57
20	UT	39	1189	99	4	5
21	Uttar Pradesh	101	5675	775	20	48
22	West Bangal	90	4963	122	9	18

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Registered Organisations in central.attendance.gov.in

Registered Employees in central.attendance.gov.in

Sr.No	State	Organisation Registered	Employees Registered	Present	Tablets	Desktop Device
1	Andhra Pradesh	2	3656	6	1	0
2	Chandigarh	24	4710	1401	51	0
3	Goa	1	51	29	2	0
4	Gujarat	3	5219	75	0	14
5	Haryana	111	19246	11726	26	913
6	Himachal Pradesh	3	53	10	0	0
7	Madhya Pradesh	18	313	18	4	0
8	Telangana	3	173	5	1	0
9	Tripura	4	226	29	0	2
10	Uttarakhand	1	269	0	0	0

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Registered Organisations – States' attendance servers

Registered Employees – States' attendance servers

Comparison of Architecture

Attributes	Common BAS deployed (AEBAS)	Traditional Attendance System
Software Platform	**Open**- • Uses Aadhaar technology • Easy to scale up • Runs on standard OS • Only one data repository	**Closed**- • Uses proprietary solution • Once setup, difficult to modify • Runs on custom OS • One or many data repositories
Hardware Platform	**Open**- Standard hardware	**Closed** – Hardware is proprietary.
Connectivity	Web based over internet	Local network/offline
Security	**High**- Nearly impossible to manipulate/forge biometric data which is managed centrally by UIDAI.	**Moderate**- Biometric data is stored locally, either on the device or on a local server
Software Complexity	**Low**- Standard biometric authentication is done by Aadhaar.	**High**- Biometric authentication is based on proprietary software.

Comparison with Traditional Biometric Attendance Systems

Attribute	BAS implemented (AEBAS)	Traditional System
Cost	Low cost	Comparatively higher cost
Scalability Cost	Only device cost	Multiple costs associated
Hardware portability	Supports Android and Windows operating systems on different form factors with biometric devices from different vendors	Restricted to a specific form factor with a specific type of biometric device.
Vendor Dependency	First time only for integration of new device with client application	Always locked with vendor
Reach	Wide spread (cloud based)	Limited
Employee Enrollment	Easy- No biometric capture required. Enrollment is location independent	Difficult- Biometric enrollment is required. Enrollment is location dependent

Price Comparison of Various Biometric Based Attendance Systems

- Cost of Common Bio-metric attendance system deployed by DeitY
  - Rs.8,500 for wall mount bio-metric terminal which is good for 50 employees.
  - Rs. 2,278 for finger print scanner for use with PC, recommended for use by about 20 employees.
  - Rs. 6,500 for Iris Scanner, generally recommended for employees facing poor biometric signature issues – one or two per organisation / location.

- Cost of traditional attendance device- Rs.25,000 to Rs 40,000

  (Note – Backend server costs are excluded. Average cost per organization for cloud services is less by a factor of 10 or more as compared with average cost of maintaining in-house servers)

List Of Parallel RCs
For Item : Biometric Attendance Terminals and Devices for UIDAI Attendance System

	Name of the Firm (RC No. & Date)	*Validity*	*Amendments/ Date*
1	**ACCESS COMPUTECH PVT LTD** **BAS/ES-4/RC-711D0000/1215/34/F0844/1423** **31-DEC-14**	**31-DEC-15**	**BAS/ES-4/RC-711D0000/1215/34/F0844/1423/53212** **09-01-2015** **BAS/ES-4/RC-711D0000/1215/34/F0844/1423/53394** **02-02-2015**
2	**BUSINESS WORLDWIDE** **BAS/ES-4/RC-711D0000/1215/34/06850/1426** **16-FEB-15**	**31-DEC-15**	**BAS/ES-4/RC-711D0000/1215/34/06850/1426/53613** **05-03-2015**
3	**FORTUNA IMPEX PVT LTD.** **BAS/ES-4/RC-711D0000/1215/34/NC135/1425** **04-FEB-15**	**31-DEC-15**	
4	**INTEK MICRO SYSTEMS PVT LTD** **BAS/ES-4/RC-711D0000/1215/34/06831/1427** **26-FEB-15**	**31-DEC-15**	

5	MANTRA SOFTECH INDIA PVT LTD BAS/ES-4/RC-711D0000/1215/34/06825/1430 05-MAR-15	31-DEC-15	
6	MICROMAX INFORMATICS LIMITED BAS/ES-4/RC-711D0000/1215/34/OA604/1424 04-FEB-15	31-DEC-15	BAS/ES-4/RC-711D0000/1215/34/OA604/1424/53415 09-02-2015 BAS/ES-4/RC-711D0000/1215/34/OA604/1424/53618 05-03-2015 BAS/ES-4/RC-711D0000/1215/34/OA604/1424/53681 16-03-2015
7	PRECISION BIOMETRIC INDIA PVT LTD BAS/ES-4/RC-711D0000/1215/34/06860/1428 05-MAR-15	31-DEC-15	
8	SMART CHIP LIMITED BAS/ES-4/RC-711D0000/1215/34/06857/1429 05-MAR-15	31-DEC-15	

Haryana AEBAS Implementation Statistics

Haryana Status of AEBAS Implementation 10 June, 2015

1) Haryana Govt decided on 3/3/2015 to implement AEBAS in State Govt.

2) Phase-I become operational on 2/5/2015 at 30 Govt Building complexes covering State Civil & New Secretariats, 21 Districts Mini Sectts & 7 Head Offices at Panchkula.

3) After successful roll-out of Phase-I, Chief Secretary & Chief Minister has approved Ph-2 & Ph-3 of AEBAS implementation on 04/06/2015.

4) Phase-2: All offices located at Chandigarh/Panchkula & at each District HQ by July 01, 2015

5) Phase-3: All offices located at Tehsils & block Hqrs by August 01, 2015.

Assam Status

- AEBAS could not be implemented immediately in Assam as Aadhaar enrolment had not been done in the state.
- NIC Assam took initiative to approach UIDAI for special camps for Aadhaar enrolment. Subsequently, Director of Census, Assam organized special camps for NIC on May 18 – 20, 2015 for all Guwahati-based NIC personnel. Camps for NIC staff in other places in Assam are being organized shortly.
- Similar special camps for staff of other Central Government organizations are ongoing.
- Assam State Government has also asked its staff at the Secretariat to enroll for Aadhaar.
- A few devices have been personally brought from NIC Delhi for earliest possible implementation at NIC Guwahati, while the rest of the requirement are being sent by courier.

AEBAS Awareness Workshops in Rajasthan

Half day sessions held at NIC Training Lab, Food Building, Secretariat, Jaipur

Sr. No.	Date of Demo	No. of Participants	No. of CG Offices	Major / Important Dept. covered
1.	19/01/2015	14	11	Department of Post, EPFO, GSI, Income Tax, CGHS, STQC, FCI, Central Excise, Directorate of Census Operations, National Institute of Ayurveda, Doordarshan, Passport, Tourism etc.
2.	19/02/2015	14	7	
3.	25/05/2015	16	8	
Total		44	26	

Thank you