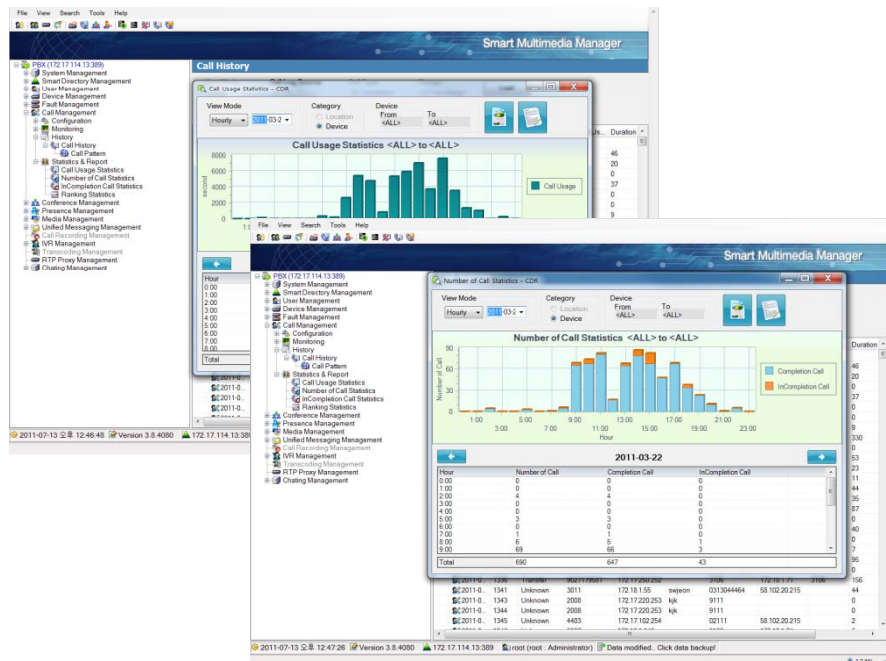


AddPac IP-PBX Series

High-performance Next Generation IP-PBX Solution

CDR(Call Detail Record) Service Features



AddPac

AddPac Technology

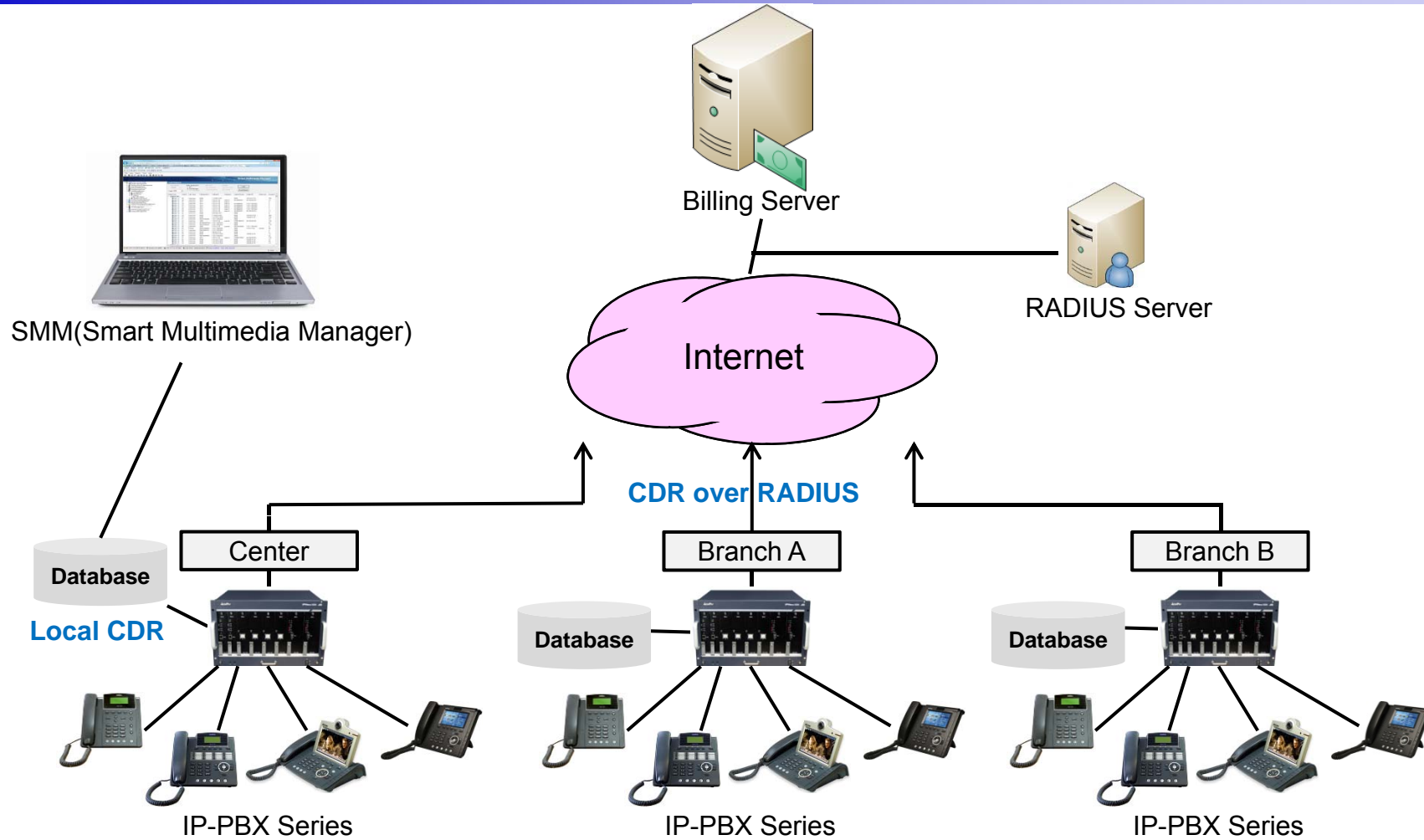
Sales and Marketing

www.addpac.com

Contents

- Network Diagram for CDR Service
- IP-PBX CDR Features
- CDR over RADIUS Features
- Local CDR Features
- CDR Data Field

Network Diagram

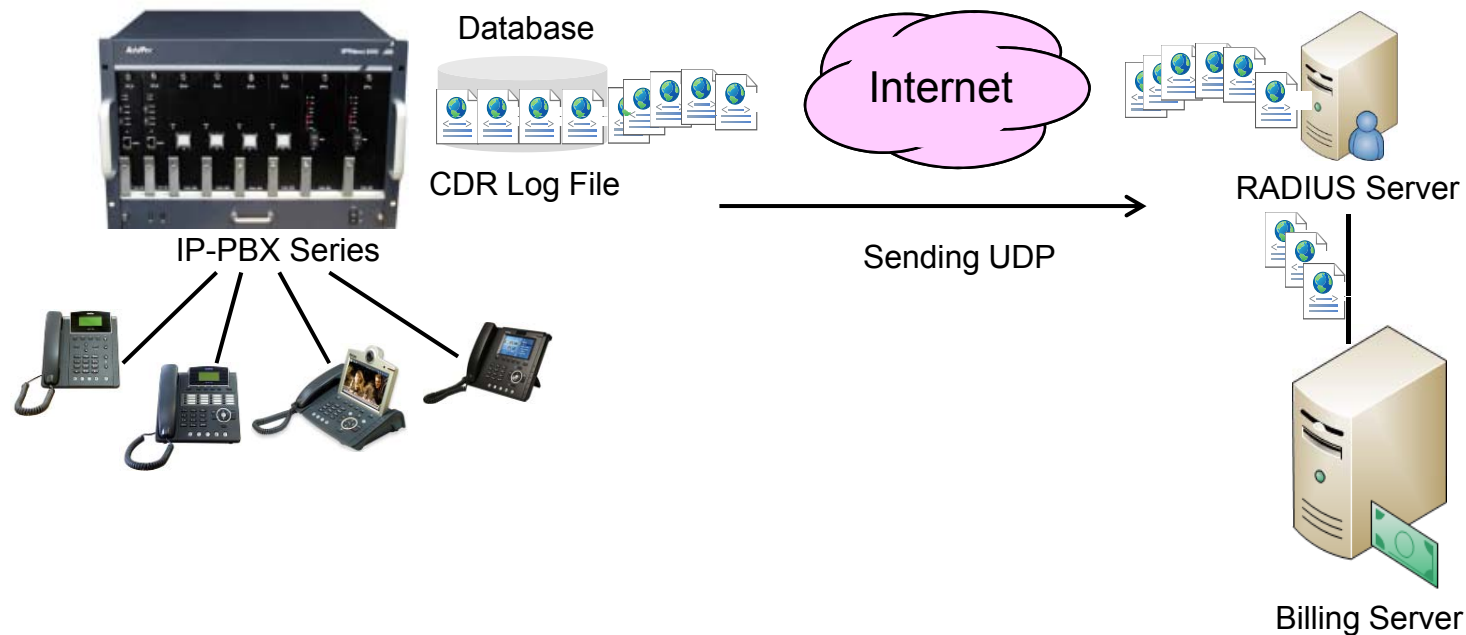


IP-PBX CDR Features

- AddPac IP-PBX Products support a feature of CDR(Call Detail Records)
 - Two CDR Characteristics
 - CDR field parameters for RAIDUS Server (IP-PBX, Gateway)
 - AddPac IPNext IP-PBX product saves newly created CDR from IP-PBX call operation into local hard disk (IP-PBX)
 - One CDR information is created when the call ends. It is composed of 60 data field values
 - In case of local CDR information, a user can view CDR information with IP-PBX Series management program (Smart Multimedia Manager)

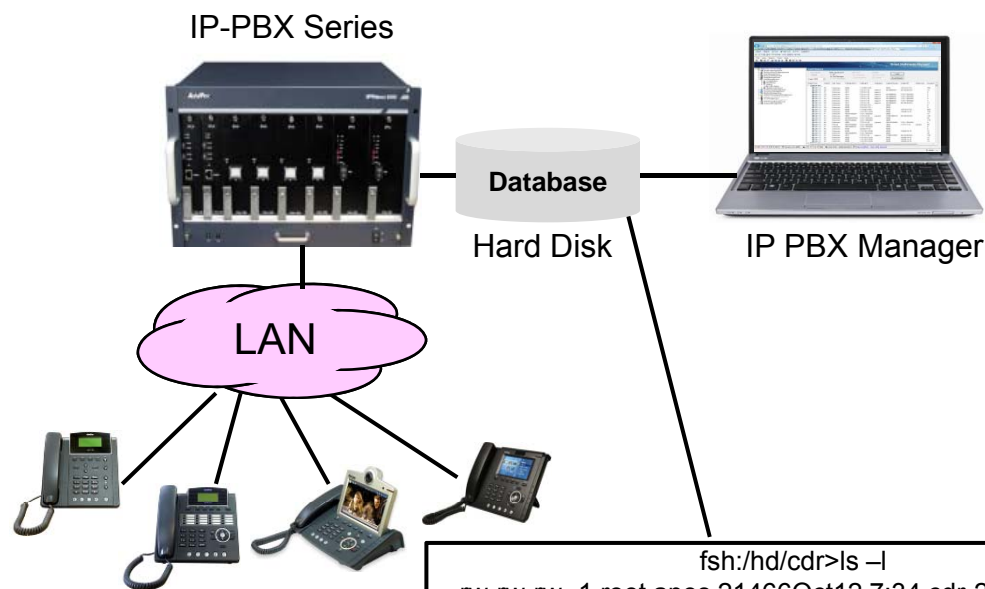
CDR over RADIUS Features

CDR can be transmitted to RADIUS server by using IP-PBX Series RADIUS message.



Local CDR Features (cont.)

- IPNext IP-PBX product saves newly created CDR from IP-PBX call operation into local hard disk
- User can view CDR Information with IP-PBX Manager program

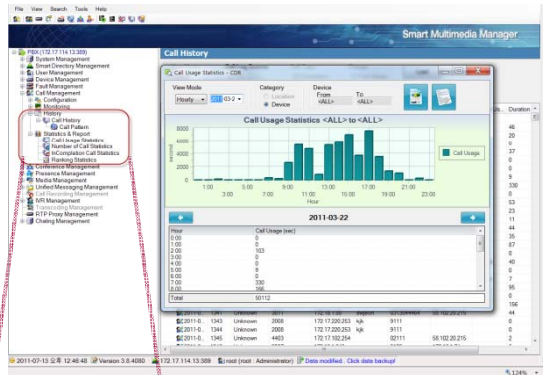


Days	Set number of day to keep CDR files
Flush-interval	Set time interval to flush records from buffer to file
Max-record	Set maximum number of records to keep in buffer
On	Enable local CDR
Recent	Keep copy of recent CDR in separate directory

Local CDR Detail Setup

```
fsh:/hd/cdr>ls -l
-rw-rw-rw- 1 root apos 21466Oct12 7:34 cdr-20110323.log
-rw-rw-rw- 1 root apos 21466Oct12 8:31 cdr-20110324.log
-rw-rw-rw- 1 root apos 21466Oct12 8:21 cdr-20110325.log
-rw-rw-rw- 1 root apos 21466Oct12 5:34 cdr-20110326.log
drwxrwxrwx 1 root apos 32768 Oct 9 9:04 recent/
```

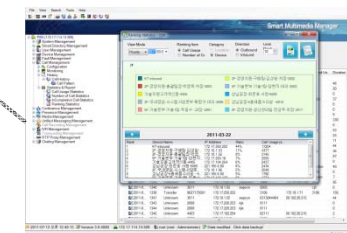
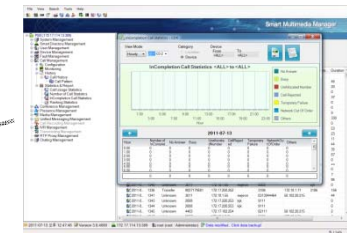
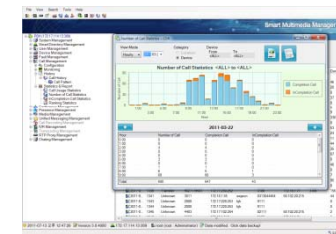
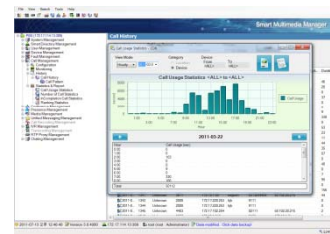
Local CDR Features



IP-PBX Manager



1	Check saved call history with IP-PBX local CDR
2	Check statistics regarding call duration with graph
3	Check the number of call use in date/month statistically
4	Check the incomplection call in date/month statistically
5	Check the number of user call use ranking in date/month



CDR Data Field

Data Field Names	Description
cdrRecordType globalCallId_ClusterID globalCallId_callManagerId globalCallId_callId	Call Identifier (mandatory)
dateTimeOrigination dateTimeConnect dateTimeDisconnect duration	Timestamp and Duration
callingPartyNumber lastRedirectDn origCalledPartyNumber finalCalledPartyNumber	Extension Number
callingPartyNumberPartition lastRedirectDnPartition origCalledPartyNumberPartition finalCalledPartyNumberPartition	Partition Information
callingPartyLoginUserId finalCalledPartyLoginUserId	User Information
origDeviceName origNetAddr origNetPort origNodeid origSpan destDeviceName destNodeid destSpan destNetAddr destNetPort	Device Information

Data Field Names	Description
origMediaTransportAddress origMediaTransportPort origMediaCap_PayloadCapability origMediaCap_MaxFramePerPacket origVideoCap_Codec origVideoCap_Bandwidth origVideoCap_Resolution origVideoTransportAddress origVideoTransportPort destMediaTransportAddress destMediaTransportPort destMediaCap_PayloadCapability destMediaCap_MaxFramePerPacket destVideoCap_Codec destVideoCap_Bandwidth destVideoCap_Resolution destVideoTransportAddress destVideoTransportPort	Media Channel Information
origLegCallIdentifier destLegIdentifier destConversationId	Call Leg Identifier
origCause_Value origCallTerminationOnBehalfOf lastRedirectRedirectOnBehalfOf lastRedirectReason joinOnBehalfOf destCallTerminationOnBehalfOf origCalledPartyRedirectReason origCalledPartyRedirectOnBehalfOf destCause_Value comment	State Transition Reason



Thank you!

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