

SID Conflict Resolution

David Crowe

Cellular Networking Perspectives Ltd.

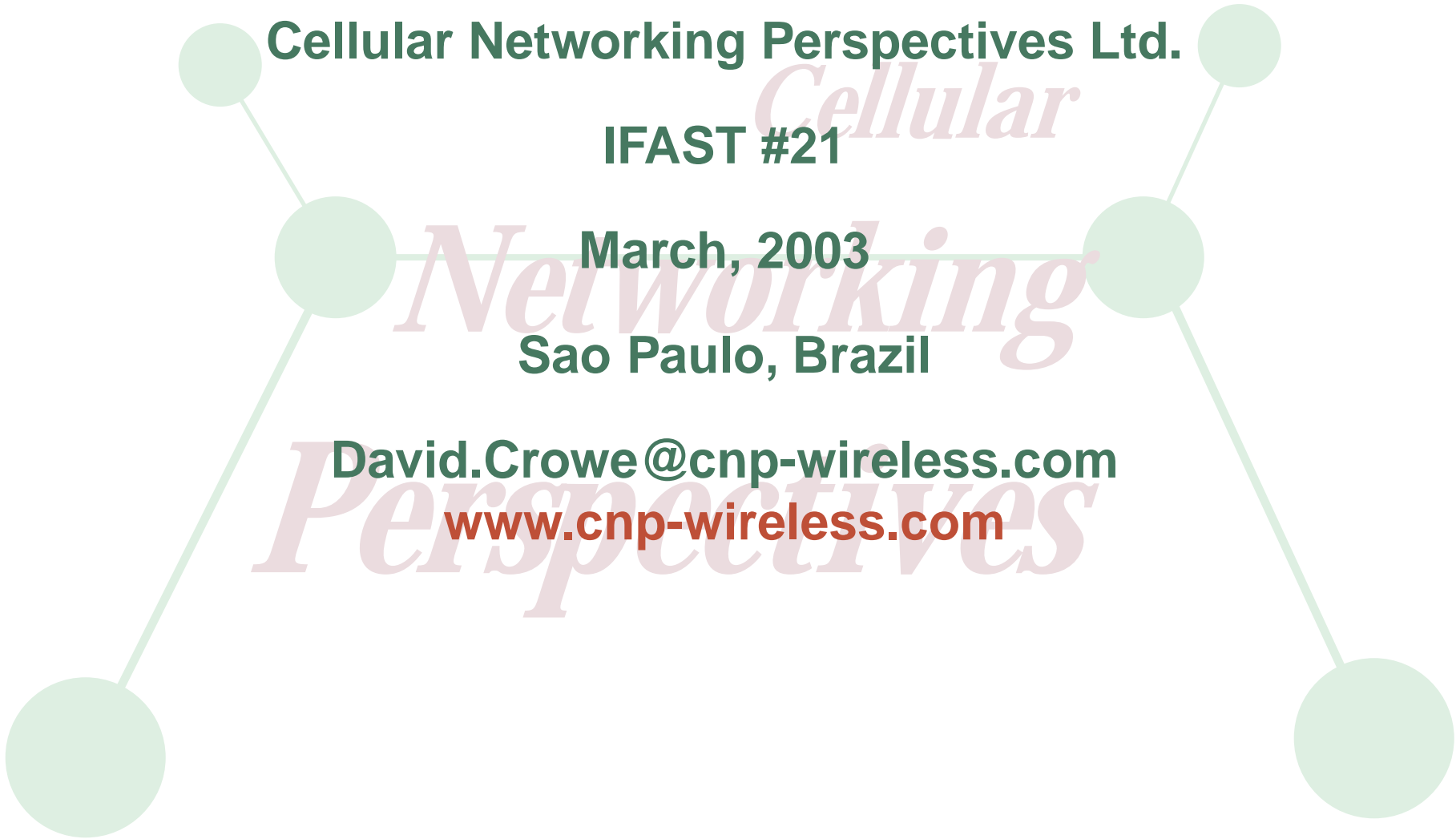
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David.Crowe@cnp-wireless.com

www.cnp-wireless.com



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Perspectives*

Summary of Presentation

SID Conflict Resolution

Current Conflicts

Problems Caused

The Solution

IFAST Actions

Summary

Current Conflicts

SID	User	Assignee
13	Hong Kong (Hutchison Telecom)	United States of America
136	Netherlands Antilles (St. Maarten Boatphone)	
700	Cayman Islands (Cable and Wireless)	
741	Conecel (Ecuador)	
1111	Republic of Korea for AMPS system	
1235	Piltel, Philippines	
1525	Mexico (Mexico City) (IUSACEL)	
1700	Republic of Korea (Shinsegi Telecom) -- US Cellular has no objection to this conflict	
1901	Russia (Vimpelcom)	
4100	Movilnet/Venezuela	
4101		
4110		
4120		
4130		
4140		
4150		

SID	User	Assignee	
4369	Republic of Korea	United States of America	
4370			
4371			
5732	BellSouth Eastern Colombia Region		
5734	BellSouth San Andres Island (Colombia)		
5772	BellSouth Northern Colombia Region		
6190	British Virgin Islands		
8002	Grenada		Saint Vincent and the Grenadines
8010	Saint Lucia (Saint Lucia Boatphone)		
8166	Saint Kitts		Barbados
8198	Bermuda (Bermuda Telephone Co.)	Thailand	
12461	Bangladesh (Pacific Bangladesh Telecom Ltd.) - Dhaka	Japan	
12463	Bangladesh (Pacific Bangladesh Telecom Ltd.) - Chittagong		
12464	Bangladesh (Pacific Bangladesh Telecom Ltd.) - Sylhet		
12561	SingTel Mobile, Singapore		
12978	SETAR - Aruba		
26883	IUSACELL (formerly Portatel)	CIBERNET BIDs	
32752	Bahamas (Bahamas Telecom)	Honduras (Republic of)	

Problems Caused

SID conflicts arose because many carriers (and their vendors) were unaware of TSB29 at the time their systems were installed.

SID conflicts can cause a number of problems:

- **MS's may choose the wrong serving system when roaming, based on their internal tables of preferred, neutral and barred systems.**
- **Billing or call detail records may be misrouted. At best, special filtering and mapping of SID codes may be required.**
- **International roaming agreements may not be possible between two carriers with SID conflicts.**
- **The use of an incorrect SID produces uncertainty for the carrier.**

The Solution

Changing SID codes is difficult, but not impossible:

- **All MS's may have to be reprogrammed to support the new SID codes.**
- **Modern digital phones can be programmed to handle the transition period, accepting both the new and old SID codes as 'home'.**
- **Billing partners have to be informed of the change.**
- **Roaming partners have to be informed of the change.**

This is the recommended course of action for carriers with SID conflicts.

IFAST Actions

- **Continue to document SID conflicts. This is particularly necessary in Brazil, where SID conflicts are known, but have never been properly documented.**
- **Continue to assign SID codes to ensure that carriers in all nations have access to a conflict-free resource.**
- **Educate carriers and national regulatory authorities on the benefits of migrating to the proper SID range.**
- **Assisting carriers with migration planning.**

Summary

- **SID conflicts are a problem of moderate severity. Carriers can live with these conflicts, but they do cause some problems to them and their customers.**
- **IFAST can play an important role in resolving these conflicts over time through education, and through assisting with migration planning.**