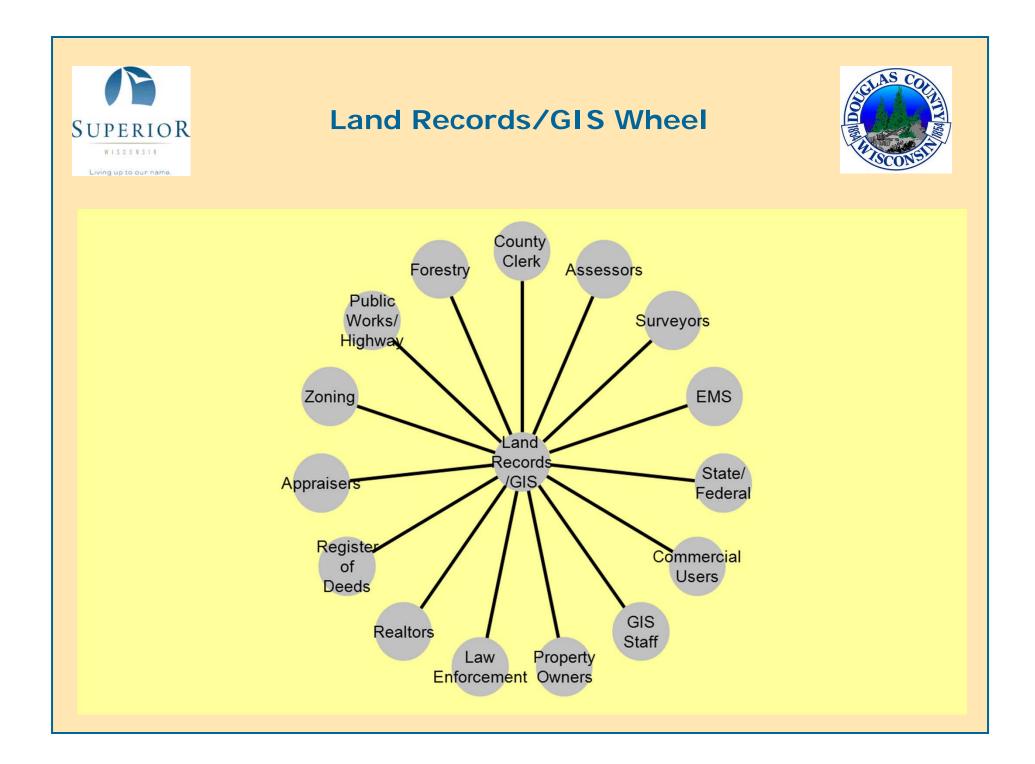


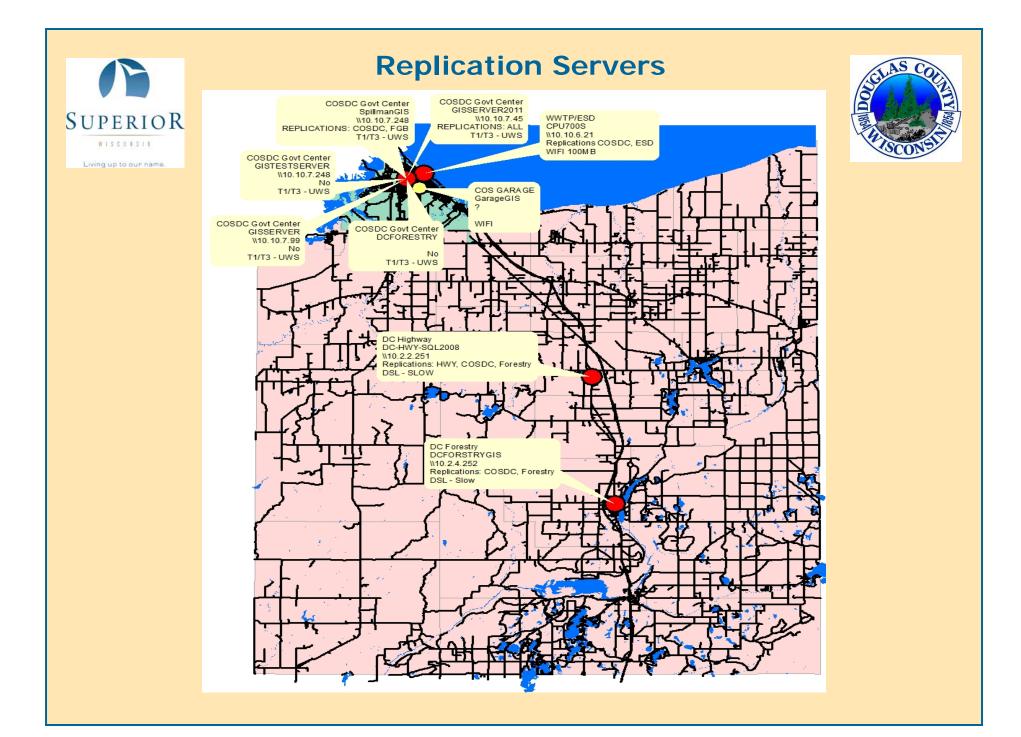
Living up to our name.

City of Superior/Douglas County GIS Data Replication









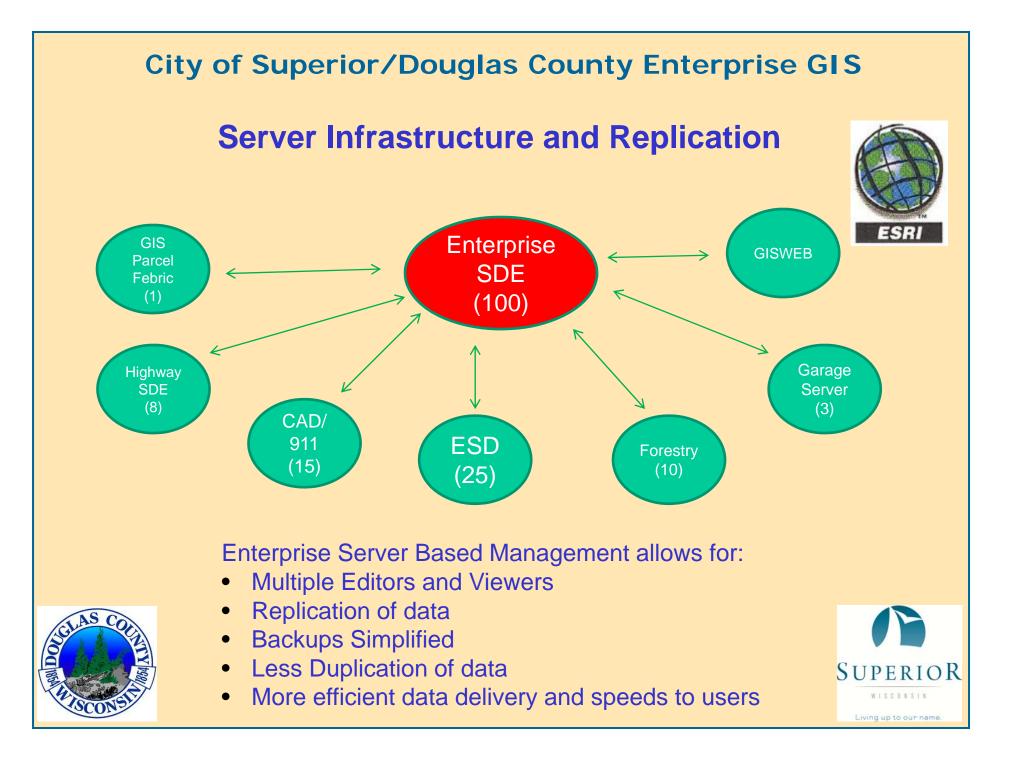


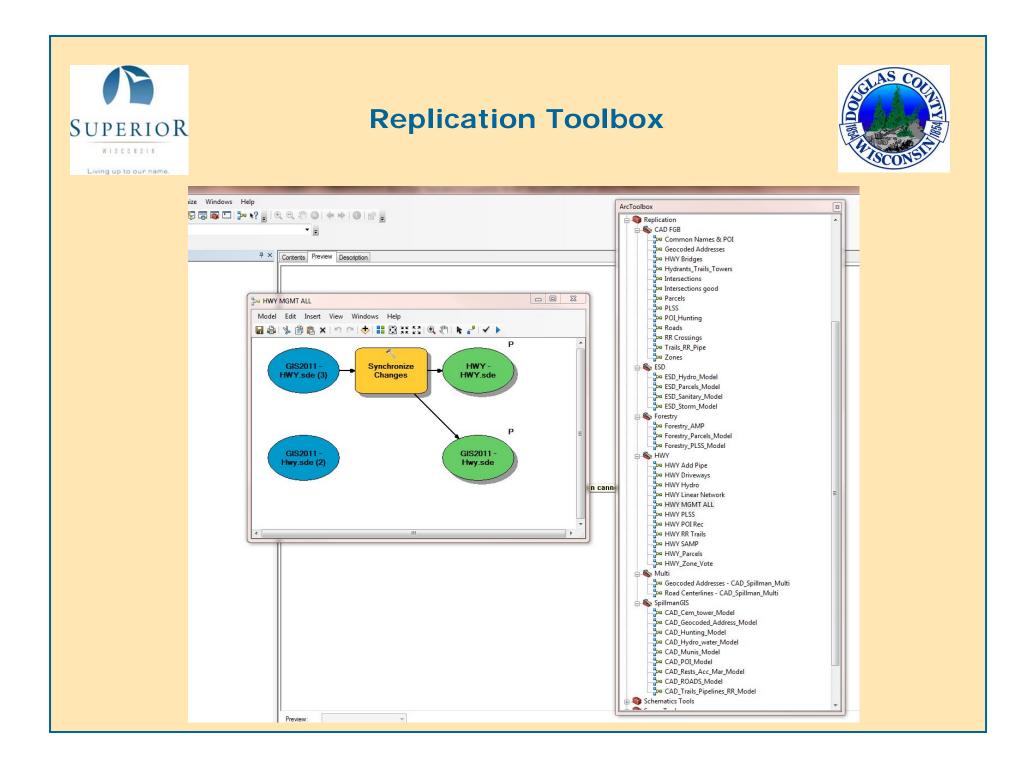
COSDC Server Info



Replication Servers

Microsoft Server 2008 R2 ArcSDE: 10 RDBMS: SQL 2008 or 2003 All Able to connect through network and Remote Connections





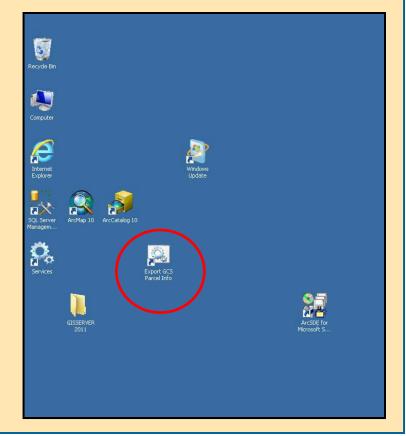


Replication of GCS Taxlister Data



GCS (tax roll) Replication Sequence

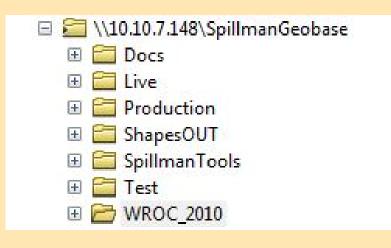
-Script (Python) to create a summarized table (SQL Business table) -Export to Forestry, Highway, Spillman -Table can be joined to Parcels for ownership info

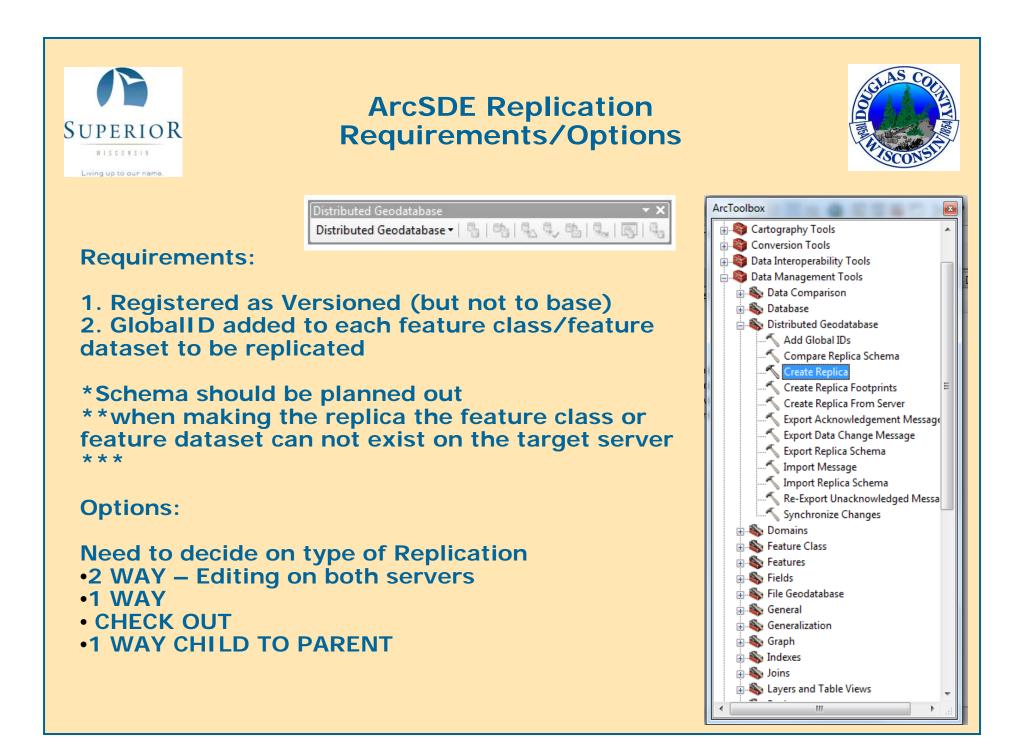




ArcSDE to File Geodatabase Replication

- Required due to lack of SDE connectivity from the CAD
- System locks a problem so a production FGD exists as does a "Live"







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Replica Manager (fisknessj - gisserver2011)

Replication Manager

Replica types listed:	All Types		•				
Name	Owner	Type	Role	Status	Conflicts	Version	Date Created
HWY Driveways	DBO	Two way	Parent	Data Re		sde.DEFAULT	6/28/2012 6:37:03 AM
HWY Zone Vote	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/28/2012 5:56:58 AM
HWY_Trails_RR	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/28/2012 5:12:28 AM
HWY SAMP	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/27/2012 7:14:22 AM
HWY POI REC	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/26/2012 4:29:52 PM
HWY_Hydro	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/26/2012 6:39:22 AM
HWY PLSS	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/26/2012 6:01:22 AM
HWY Add Pipe Plt Zon	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/26/2012 5:51:59 AM
HWY Linear	DBO	Two way	Parent	Data Be		sde.DEFAULT	6/26/2012 5:40:46 AM
HWY Parcels	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/25/2012 3:40:40 AM
CAD_GIS2011_PLSS	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 4:24:01 PM
CAD_GIS2011_PL33	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 4:21:21 PM
CAD_GIS11_Muni_DCtrails	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 4:05:50 PM
CAD_GIS11_Hydrants_Trls_Tower	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 4:03:56 PM
CAD_GIS11_Hydrants_ITIS_Tower CAD_GIS2011_Centerlines	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 4:00:01 PM
CAD GIS2011 Trail RR Pipe	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 3:57:48 PM
CAD_GIS2011_ITAIL_RR_PIPE	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 3:52:44 PM
CAD_GIS2011_FOI	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 3:46:21 PM
CAD_GIS2011_Hunung CAD_GIS2011 Parcels	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 3:18:03 PM
CAD_GIS2011_Parcels CAD_GIS2011_Geocoded_Addresses		One way	Parent	Data Se	No	sde.DEFAULT	6/18/2012 2:33:42 PM
CAD_GIS2011_Geocoded_Addresses CAD_Geocoded_Address	DBO	One way	Parent	Data Se	No	sde.DEFAULT	6/14/2012 7:39:14 AM
CAD_Geocoded_Address CAD Rests Acc camp Marinas	DBO	Two way	Parent	Data Se		sde.DEFAULT	6/6/2012 6:27:00 AM
CAD_CEM_TOWERS_WAYSIDE	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/5/2012 7:49:29 AM
CAD_COS_HUNTING	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/5/2012 7:45:09 AM
CAD POINT DATA	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/5/2012 7:41:51 AM
CAD_LINEAR_NETWORK_GOOD	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/5/2012 7:36:50 AM
CAD_LINEAK_NETWORK_GOOD	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/3/2012 7:36:50 AM
CAD_FLSS	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/2/2012 5:17:35 PM
CAD_Parcels	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/2/2012 3:17:35 PM
CAD_Parcels CAD_HYDRO_WATER	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/2/2012 2:10:34 PM
CAD_HTDRO_WATER	DBO	One way	Parent	Data Se	No	sde.DEFAULT	5/2/2012 1:45:21 PM
ESD Parcels	DBO	One way	Parent	Data Se	No	sde.DEFAULT	4/22/2012 1:42:24 PM
ESD Storm Sewer	DBO	One way	Child	Data Se		sde.DEFAULT	2/11/2012 2:11:12 PM
ESD_Storm_Sewers	DBO	One way	Child	Data Re	No	sde.DEFAULT	2/11/2012 2:06:05 PM
Matt PLSS Hydro	GIS	One way	Parent	Data Se	No	sde.DEFAULT	12/21/2011 3:04:11
Matt Parcels	GIS	One way	Parent	Data Se	No	sde.DEFAULT	12/21/2011 2:47:41
Brad PLSS Hydro	GIS		Parent	Data Se	No	sde.DEFAULT	12/21/2011 2:47:41 12/21/2011 11:06:2
Brad parcels	GIS	One way One way	Parent	Data Se	No	sde.DEFAULT	12/21/2011 11:06:2
ESD Hydro	DBO	One way	Parent	Data Se	No	sde.DEFAULT	12/21/2011 10:35:5
	DBO		Parent	Data Se	No	sde.DEFAULT	
ESD_PLSS Forestry GEOD PLSS	DBO	One way One way	Parent	Data Se	No	sde.DEFAULT	12/10/2011 11:23:5 9/25/2011 7:05:57 PM
	DBO		100000000000000000000000000000000000000	Data Se	10.0	sde.DEFAULT	
GISTHREE_PLSS		Two way	Parent		2-2-3		9/15/2011 9:36:54 AM
GISTHREE_Parcel_test	DBO	One way	Parent	Data Se	No	sde.DEFAULT	8/29/2011 2:12:43 PM
Forestry_CDSTRL_COSDC_PARCEL_	INFO DBO	One way	Parent	Data Se	No	sde.DEFAULT	8/14/2011 9:45:26 AM



83



Future Opportunities/Possibilities



Replication to Laptops (Mobile)

Parcel Fabric Replication in version 10.1

Replication with other Agencies?

- St. Louis County
- Duluth
- SWLP (Minnesota Power)
- DOT





Thank You!!! Any Questions?



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