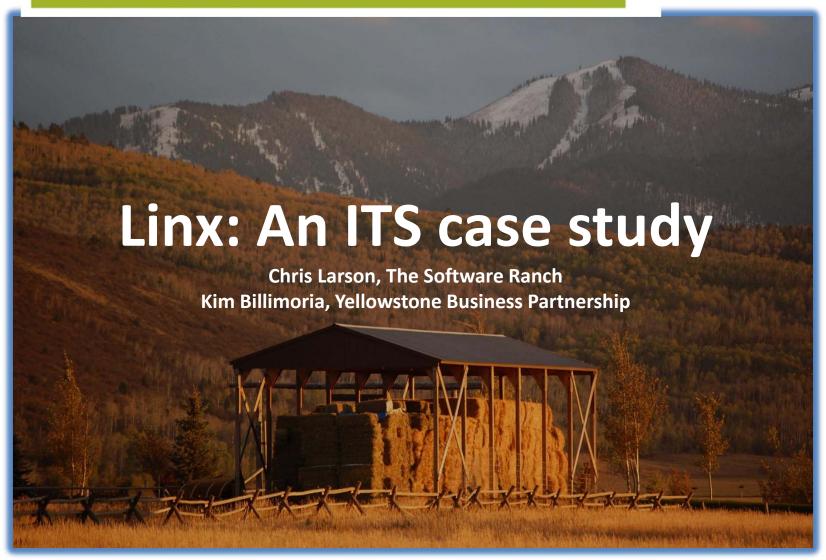
SOFTWARE RANCH Connecting People and Places





Linx: An ITS Case Study

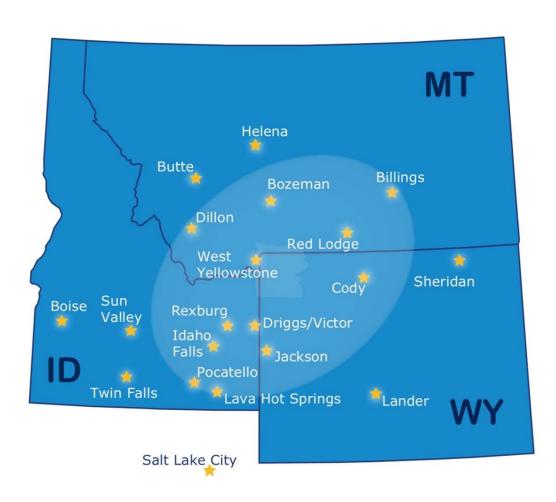
Linx Regional Transportation Co-op

- Background and history
- Linx Technology
 - LinxComm
 - Trip Planner
 - Lessons Learned

LinxProvider Software

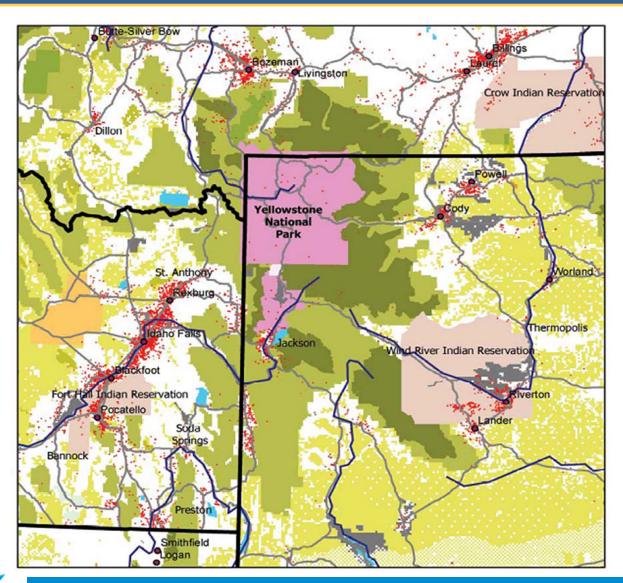
- Tools to manage transportation systems
- Bus status & location
- On-Time stats (on-time, early, late)

Connecting Greater Yellowstone



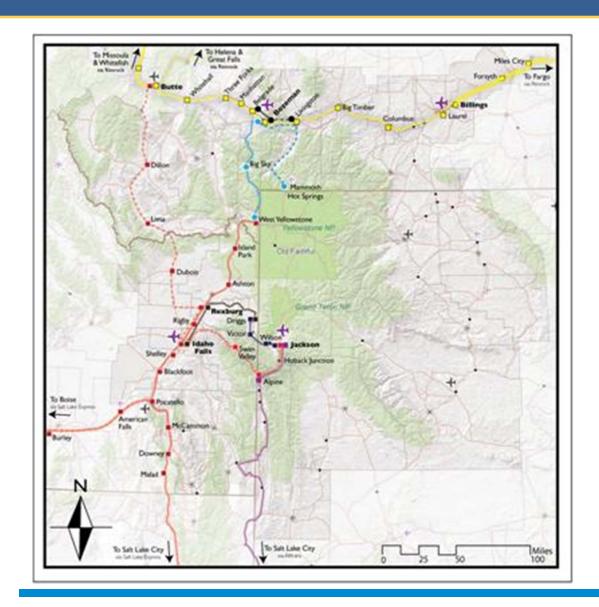


A diverse region with many boundaries



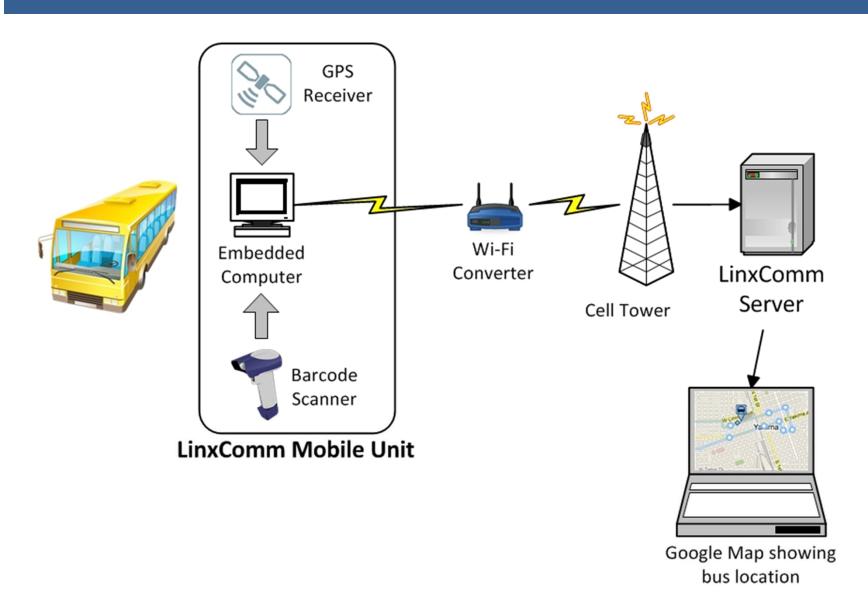


Bridging gaps





Linx Technology: LinxComm



Linx Technology: LinxComm



Linx Technology: LinxComm Demo

'Where's My Bus' Website Technology Demo









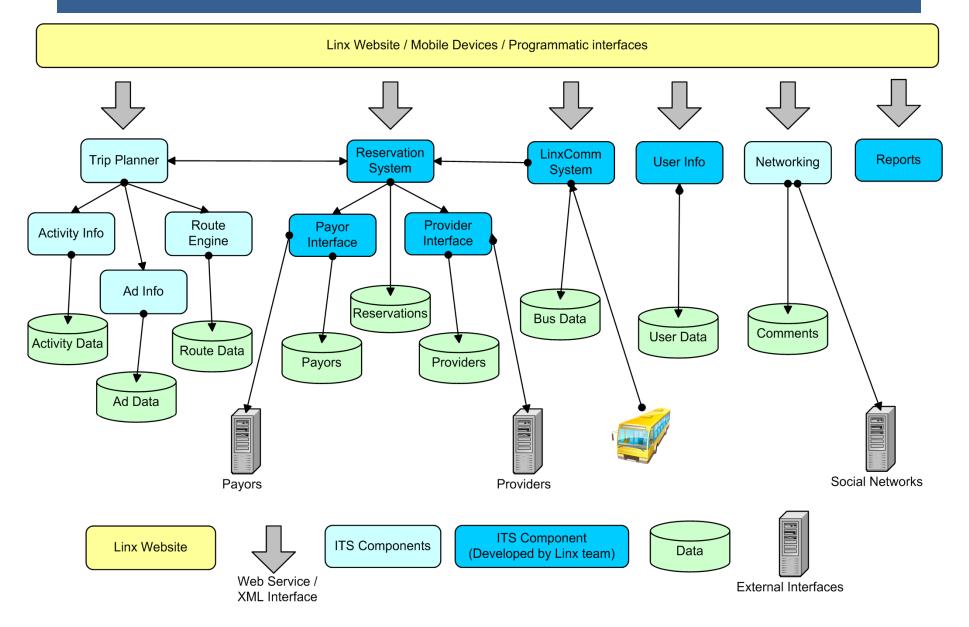


Center Map On Bus

Name: Teton Pass Bus Updated: Fri, May 7, 2010 06:05:24 MST

Latitude: 43.5012 Longitude: -110.9628 Speed: 22.02 mph Heading: NE Status: OK

Linx Technology: Trip Planner



Linx Technology: Linx Website









Connecting People and Places in Idaho, Montana and Wyoming



Popular Destinations

From Jackson Hole to West Yellowstone to the local zoo, Linx can get you there - while you enjoy the ride and let someone else worry about the driving.



Cool Things To Do

Soak in natural hot pools, attend a music festival or ski bottomless powder - Linx is the stress-free way to discover the region.



Sweet Deals

Ride Linx to Yellowstone Business Partnership's annual conference (May 24-26). Busses departing from Idaho Falls, Billings and Bozmean.



My Linx

Retrieve your itinerary, keep a list of places to go and things to do...





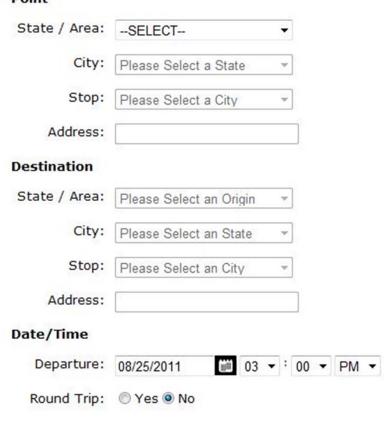


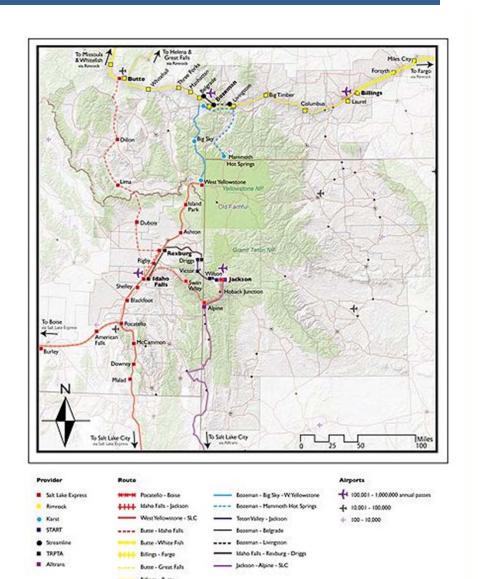


Linx Technology: Trip Planner

Trip Details

Starting Point





Linx Technology: Trip Planner



7:49 AM

08-26-2011

Walk to stop St. Johns
Hospital (N) (stop #11) at

Broadway, serving routes

Area Activities

Itinerary Reservations

Consider checking out the following activities near your destination.

Eastern Idaho's Yellowstone Teton Territory

Your Adventure Begins in Eastern Idaho. This is where Mother Nature provides an unforgettable wilderness full of activities for people of all ages. 1-800-634-3246

Island Park, Idaho

Travelers

Island Park is well known for its fishing, hunting, water sports and snowmobiling. Our Chamber Members offer many choices in dining, lodging and other amenities. Check out our members at www.islandparkchamber.org

• Timing/Schedule

- Artificial pressure/schedule
- Insufficient Planning
- Cut Corners

Funding

- Limited budget given scope of work
- Constrained choices
- Inter-line agreements killed the revenue model

Marketing

- Regional and national earned media
- Website as cornerstone –one stop shop for large area and disparate market
- Resources inadequate for size and scope of market
- Delay in strategic marketing plan

Management

- Lost Program Manager mid-project
- Given the scope and centrality of technology to the project, the new Project Manager didn't have sufficient time or background

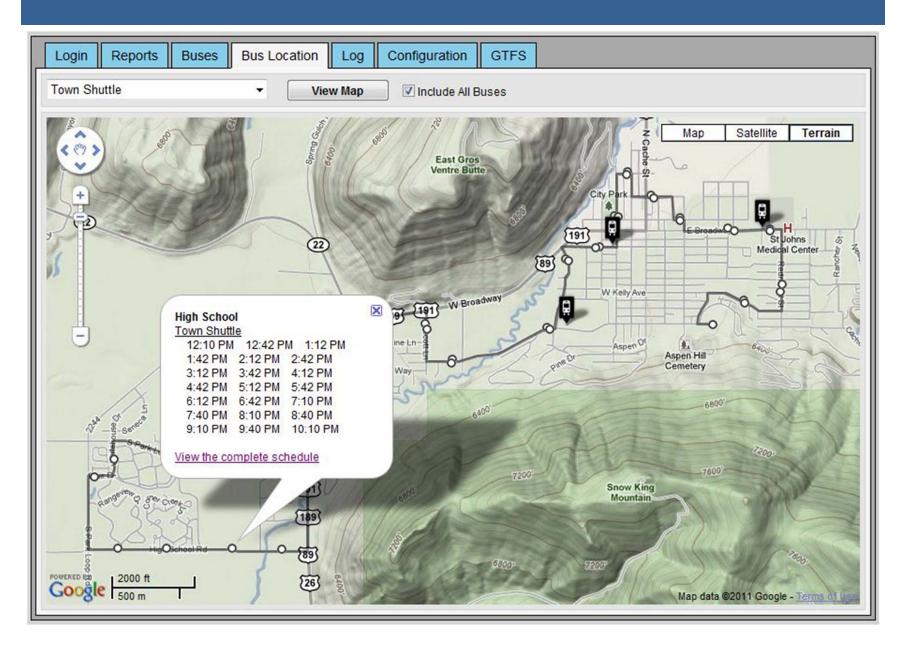
Route Engine

- Heart of trip planner
- Didn't scale from urban metro to large scale rural system (27 counties of GIS data and 5 providers last year)
- Sub-contractor didn't have the experience to realize he was fixing symptoms and not the underlying problem
- Most of the providers ran demand based systems which didn't fit well with a fixed route system

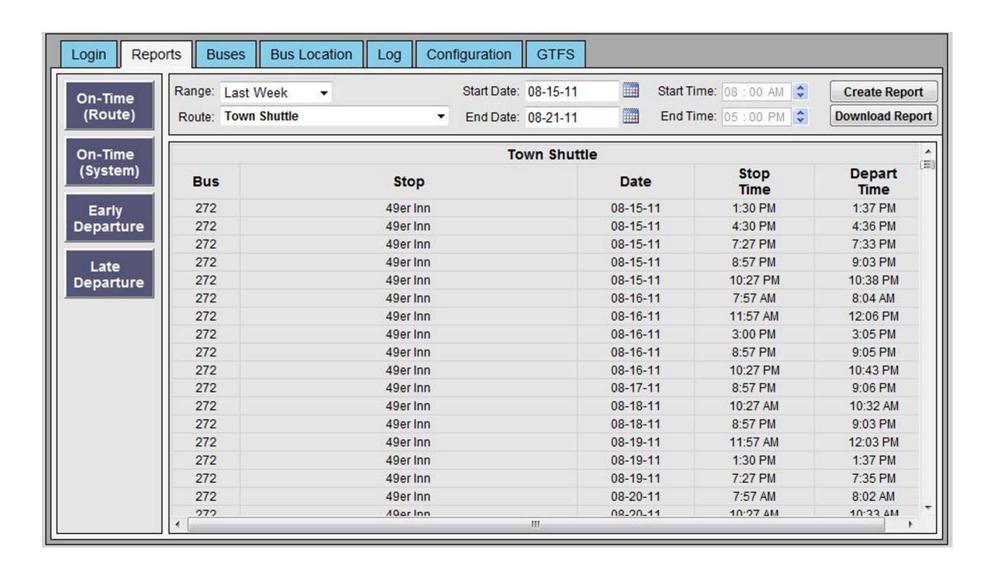
Linx Provider: Buses

Bus	Route	Last Update	Last Stop	Stop Time	Departed	Next Stop	Stop Time	Speed	Dir
201	Jackson to Star Valley	8/25 12:50 PM	Simpson and Willow-WB	12:46 PM	12:50 PM	Teton Steak House	12:47 PM	19.27	W
202	Green Line Jackson to Teton Village	8/25 9:04 AM							
203	Green Line Jackson to Teton Village	8/25 12:50 PM	Teton Village	1:15 PM				0.05	NNE
204	Teton Valley to Jackson	8/25 8:23 AM							
205	Teton Valley to Jackson	8/25 6:22 AM							
272	Town Shuttle	8/25 12:50 PM	Snow King Resort	12:45 PM	12:45 PM	Mike Yokel Park (S)	12:47 PM	5.22	NNW
273	Town Shuttle	8/25 10:37 AM							
274	Out Of Service	8/25 12:01 PM							
275	Green Line Teton Village to Jackson	8/24 3:04 PM							
276	Town Shuttle	8/25 11:13 AM							
277	Town Shuttle	8/21 11:38 AM							
289	Out Of Service	8/25 12:50 PM						0	NNE
290	Out Of Service	8/13 5:26 PM							
291	Town Shuttle	8/16 10:40 AM							
292	Out Of Service	8/21 5:32 PM							
293	Out Of Service	8/24 1:36 PM							
294	Town Shuttle	8/24 9:13 PM							
295	Out Of Service	1/1 12:00 AM							
296	Out Of Service	8/24 10:31 PM							
BB11	Out Of Service	8/17 4:01 PM							
BB14	Out Of Service	1/1 12:00 AM							
BB15	Out Of Service	1/1 12:00 AM							
G1	Out Of Service	1/1 12 00 AM							
G11	Out Of Service	1/1 12:00 AM							

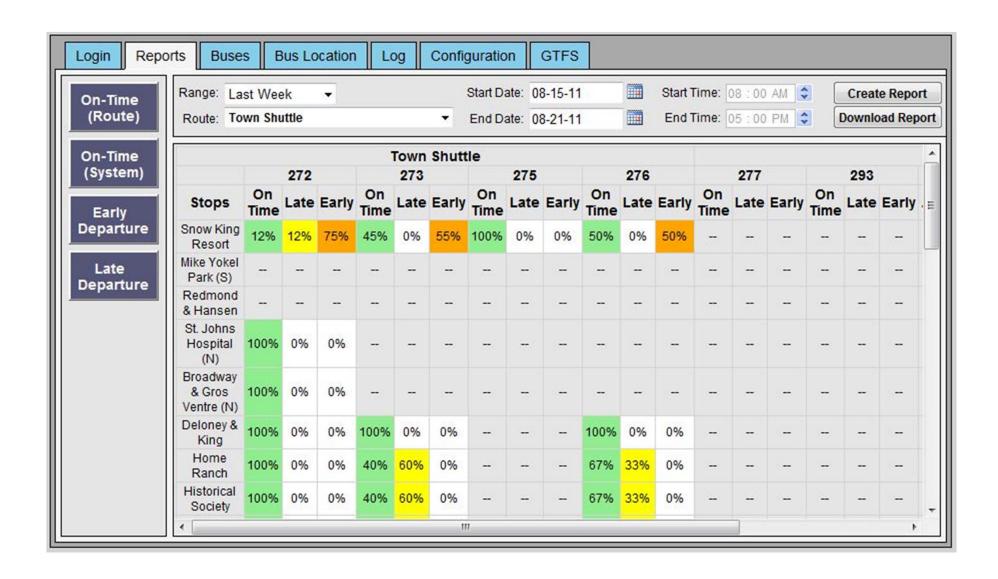
Linx Provider: Bus Locations



Linx Provider: Early/late Stats



Linx Provider: On-time Stats



Linx Provider: On-time Stats

