

*From Zero - 88mph:
A Well-Oiled DeLorean*

**Auburn's Drive to the Future
Using Integrations**

2024 HELUG Conference

July 16, 2024

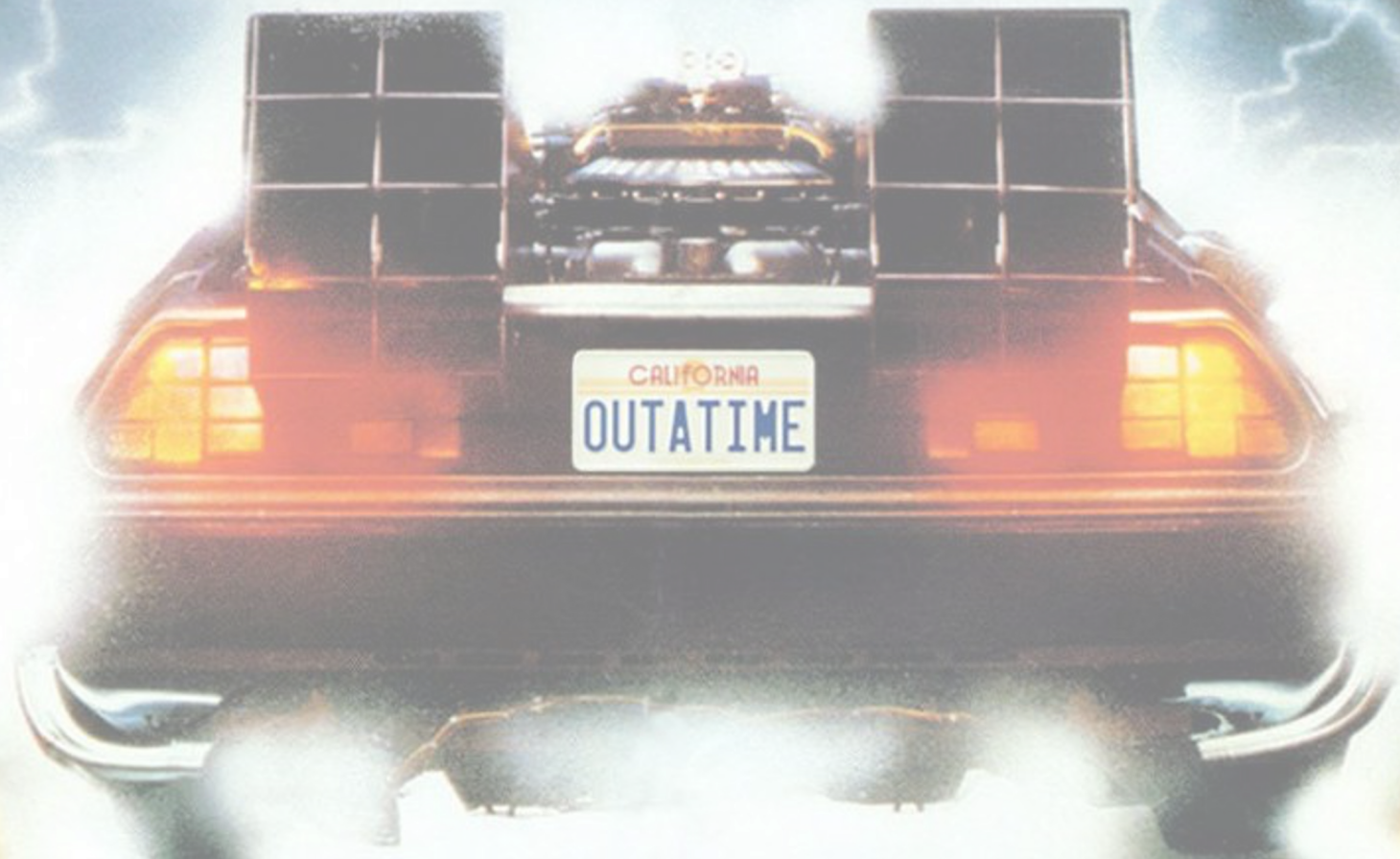


AUBURN

About Auburn University

- Chartered in 1856 in Auburn, Alabama
- 33,000+ Students (27,000 are undergraduate)
- 427 buildings on 1,841 acres
- 150+ Majors in 15 schools and colleges
- We are the Tigers that yell “War Eagle!”
- Some of those: Charles Barkley, Tim Cook, Jason Dufner, Rowdy Gaines, Bo Jackson, Suni Lee, Octavia Spencer, Frank Thomas, Jim Voss, & Jimmy Wales.





Let's go back in time!

Auburn in 2020

- Students can be found waiting in line at the card office getting their photos taken and waiting for magnetic swipe cards to be printed.
- A stored procedure written over a decade before populates OnGuard with cardholders.
- After the ID cards were issued, employees were requesting access to physical spaces for new students and employees. Other employees were granting access in OnGuard.
- Biometrics (iris) were used and those that used it had to be enrolled in a separate process.



Auburn in 2020



- SGA wants something new – Ability to use a mobile wallet solution for IDs. Everyone wants to get rid of magnetic swipe.
- OnGuard application administrators want to eliminate the stored procedure that populates OnGuard with cardholders for something more proper.
- There was a desire to be more efficient with requesting and granting access, particularly for standard groups of people.
- Other groups on campus would embrace biometrics if the enrollment process was simpler and if someone else did it.



Let's go back to the future!

Back to Auburn in 2024

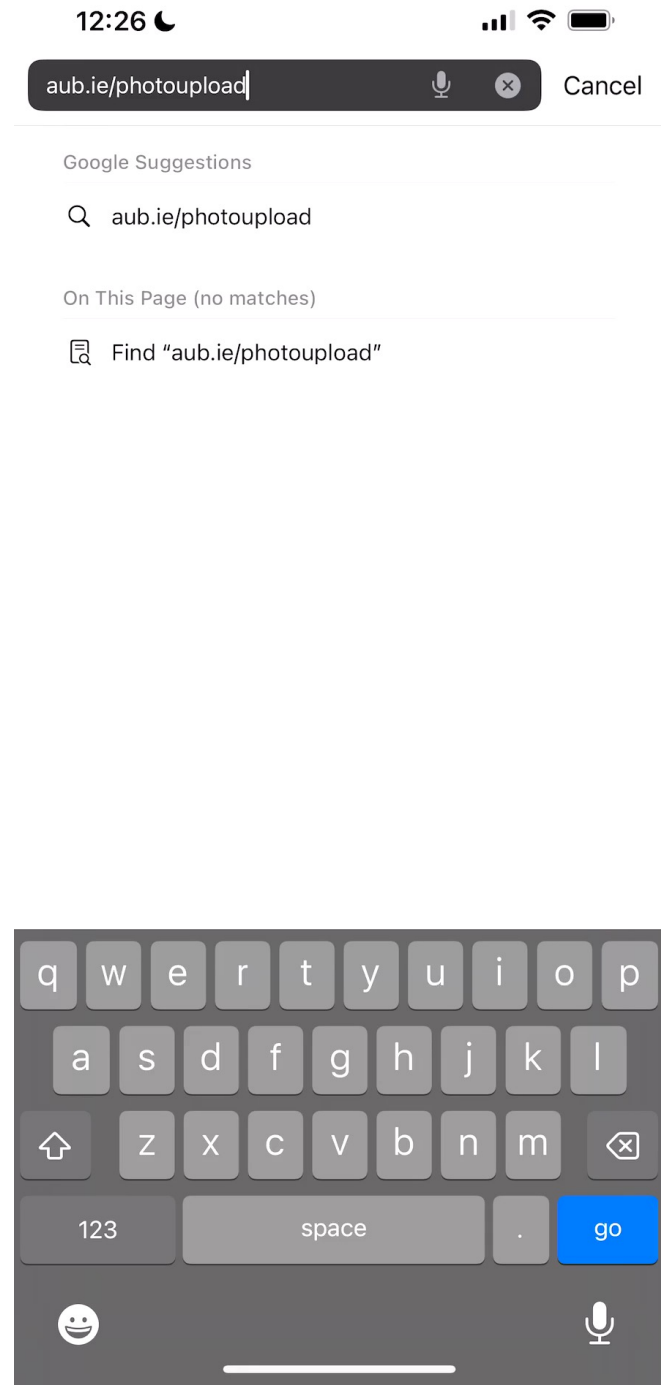
- Auburn has embraced a philosophy from visionary Ron Popeil:

“Set it and forget it”

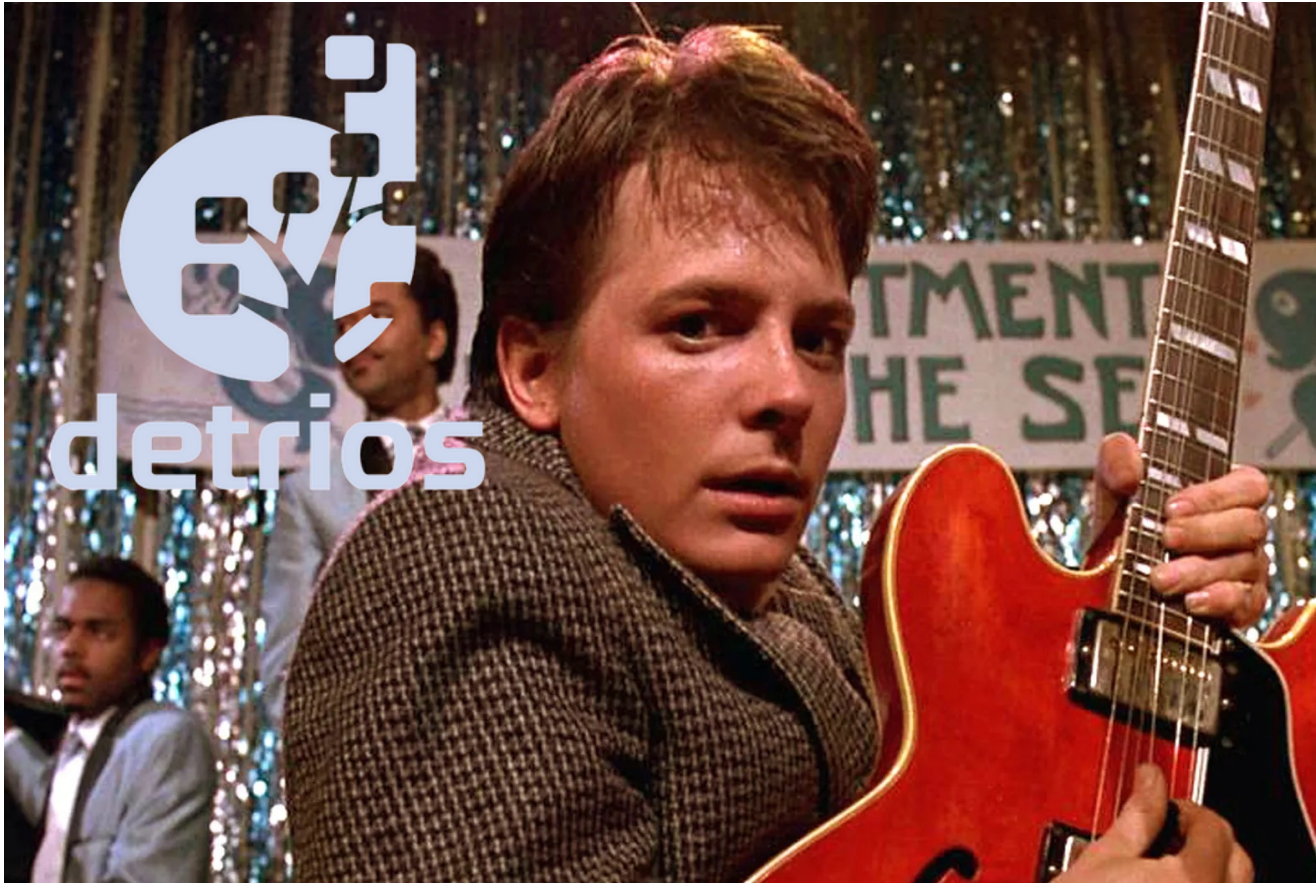


Automating Tiger ID

- Students go online to submit photo and government ID, which gets processed by CloudCard.
- CloudCard will reject if it's not an acceptable photo and will suggest approval if all looks good.
- Students then will be notified that their ID is ready and they can provision mobile credential to their wallet after that.
- No visit to the card office required!
- Auburn is going "Mobile First" so most students won't even have physical cards.



Replacing Stored Procedure



- Utilized Detrios to create a modern cardholder feed specifically for Auburn's needs.
- Feed utilizes LenelS2 Open Access and updates cardholder information including photos and badge information.
- Process syncs access among cardholder's multiple badges or replacement badges.

Automating Access

- Utilizing AD Sync from LenelS2 to map AD groups in Active Directory to access levels in OnGuard
- Ensure that these groups are secured and preferably populated programmatically from a reliable source.
- Now certain standard access is automatically applied based on the cardholder's role (via AD group).



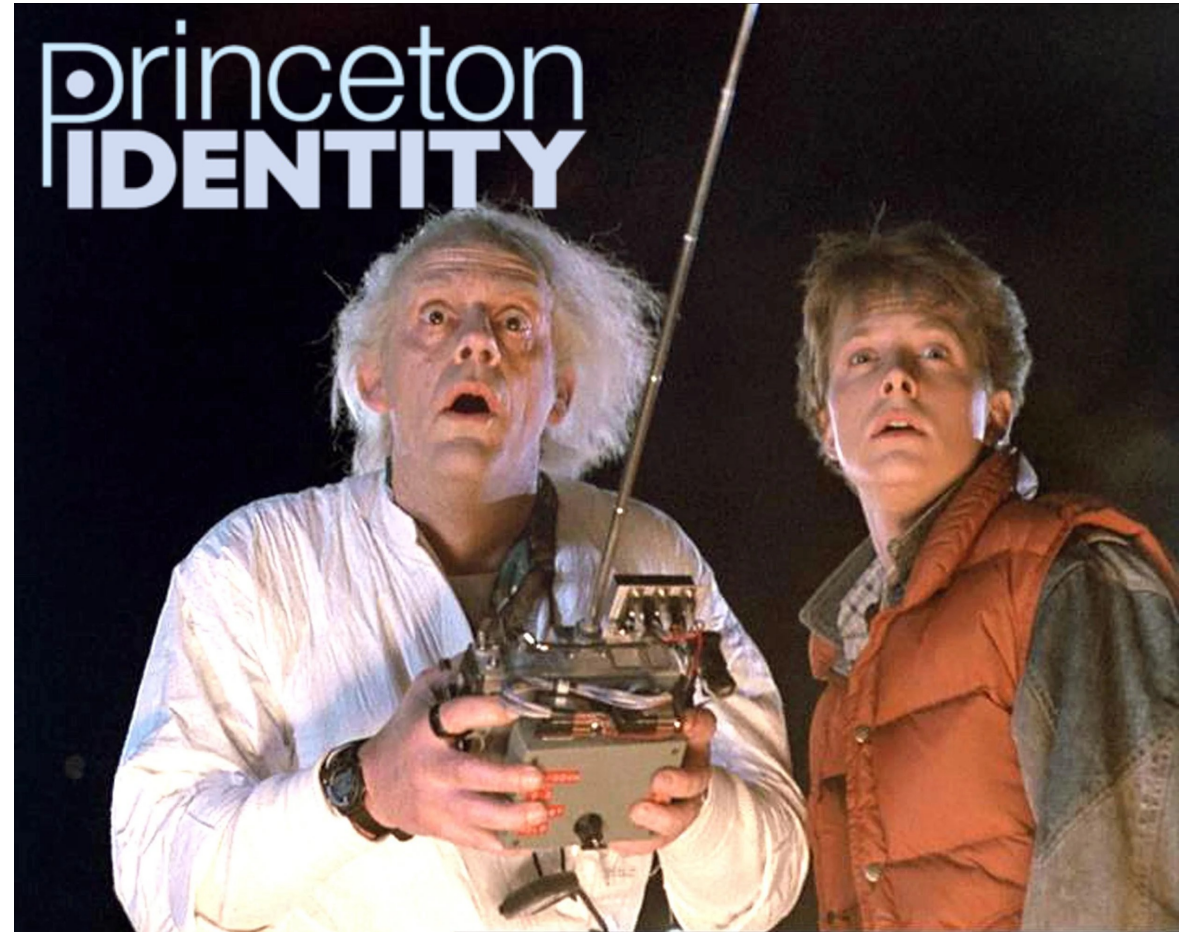
Automating Access



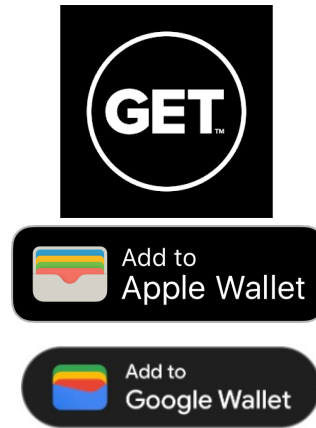
- Utilizing DAX from Detrios to map room assignments in StarRez to access levels in OnGuard.
- Now resident hall access is automatically applied based on the cardholder's assignment in StarRez.
- Also using DAX for Ad Astra, Mazevo, and Outlook calendars for access and door scheduling.

Automating Biometrics Enrollment

- Utilized Sync option from Princeton Identity to automatically add cardholders into the biometric system automatically from OnGuard.
- Photos are included in the sync that enables face recognition at the reader. Iris enrollment occurs as users use the reader.

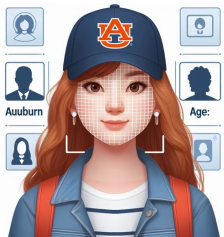


Auburn in 2024: A Well-Oiled DeLorean



*plus our Schlage readers...
and our Traka cabinets...
after a couple minutes
using mobile!*

Gains Access!



Questions?



My Contact Info:

Rob Stanford

robstan@auburn.edu